

Lesson Plan

Name of the Faculty: Devender Saini

Discipline: COMPUTER ENGG.

Semester: 4th

Subject: MICROPROCESSOR AND PERIPHERAL DEVICES

Lesson Plan: 15Weeks (Theory-3hrs, Practical-3hrs.)

Week	Theory		Practical	
1 st Week	Day 1	Evolution of Microprocessor Typical organization of a microcomputer system	Day1 G1	Familiarization of different keys of 8085 microprocessor kit and its memory map
	Day 2	Functions of its various blocks.		
	Day 3	Microprocessor, its evolution	Day2 G2	Familiarization of different keys of 8085 microprocessor kit and its memory map
2 nd Week	Day 1	Function and impact on modern society	Day1 G1	Familiarization of different keys of 8085 microprocessor kit and its memory map
	Day 2	Architecture of a Microprocessor (With reference to 8085 microprocessor) Functional block diagram of 8085 and function of each block		
	Day 3	Functional block diagram of 8085 and function of each block	Day2 G2	Familiarization of different keys of 8085 microprocessor kit and its memory map
3 rd Week	Day 1	Pin details of 8085 and related signals	Day1 G1	Steps to enter, modify data/program and to execute a programme on 8085 kit
	Day 2	Pin details of 8085 and related signals		
	Day 3	Demultiplexing of address/data bus Generation of read/write control signals	Day2 G2	Steps to enter, modify data/program and to execute a programme on 8085 kit
4 th Week	Day 1	Steps to execute a stored programme	Day1 G1	Steps to enter, modify data/program and to execute a programme on 8085 kit
	Day 2	Instruction Timing and Cycles Instruction cycle, Machine cycle and T-states		
	Day 3	Fetch and execute cycle	Day2 G2	Steps to enter, modify data/program and to execute a programme on 8085 kit
5 th Week	Day 1	<i>Read, Write Timing diagrams</i>	Day1 G1	Writing and execution of ALP for addition of two 8 bit numbers
	Day 2	Programming (with respect to 8085microprocessor) Machines and Mnemonic codes		
	Day 3	Instruction format, Addressing modes	Day2 G2	Writing and execution of ALP for addition of two 8 bit numbers
6 th Week	Day 1	Identification of instructions as to which addressing mode they belong	Day1 G1	Writing and execution of ALP for subtraction of two 8 bit numbers
	Day 2	Concept of Instruction set		
	Day 3	Explanation of the instructions of the Data transfer group instruction set	Day2 G2	Writing and execution of ALP for subtraction of two 8 bit numbers
7 th Week	Day 1	Explanation of the instructions of the Arithmetic Group instruction set	Day1 G1	Writing and execution of ALP for multiplication of two 8 bit numbers
	Day 2	Explanation of the instructions of the Arithmetic Group instruction set		
	Day 3	Explanation of the instructions of the Logic Group instruction set	Day2 G2	Writing and execution of ALP for multiplication of two 8 bit numbers

8 th Week	Day 1	Explanation of the instructions of the Stack groups of instruction set	Day1 G1	Writing and execution of ALP for division of two 8 bit numbers
	Day 2	Explanation of the instructions of the I/O groups of instruction set		
	Day 3	Explanation of the instructions of the Machine Control Group of instruction set	Day2 G2	Writing and execution of ALP for division of two 8 bit numbers
9 th Week	Day 1	Programming exercises in assembly language. (Examples can be taken from the list of experiments)	Day1 G1	Writing and execution of ALP for arranging 10 numbers in ascending order
	Day 2	Memories and I/O interfacing Concept of memory mapping,		
	Day 3	Concept of memory mapping, Partitioning of total memory space	Day2 G2	Writing and execution of ALP for arranging 10 numbers in ascending order
10 th Week	Day 1	Address decoding	Day1 G1	Writing and execution of ALP for arranging 10 numbers in descending order
	Day 2	Concept of peripheral mapped I/O and memory mapped I/O		
	Day 3	Interfacing of memory mapped I/O devices.	Day2 G2	Writing and execution of ALP for arranging 10 numbers in descending order
11 th Week	Day 1	Interrupts Concept of interrupt, Various hardware interrupts of 8085	Day1 G1	Writing and execution of ALP for 0 to 9 BCD counters (up/down counter according to choice stored in memory)
	Day 2	Maskable and Non-maskable interrupt		
	Day 3	Edge triggered and level triggered interrupts, Software interrupt	Day2 G2	Writing and execution of ALP for 0 to 9 BCD counters (up/down counter according to choice stored in memory)
12 th Week	Day 1	Restart interrupts and its use, Servicing interrupts	Day1 G1	Interfacing exercise on 8255 like LED display control
	Day 2	Extending interrupt system		
	Day 3	Data Transfer Techniques Concept of programmed I/O operations	Day2 G2	Interfacing exercise on 8255 like LED display control
13 th Week	Day 1	Synchronous data transfer, asynchronous data transfer (hand shaking)	Day1 G1	Interfacing exercise on 8253 programmable interval timer
	Day 2	Interrupt driven data transfer, DMA		
	Day 3	Serial output data, Serial input data	Day2 G2	Interfacing exercise on 8253 programmable interval timer
14 th Week	Day 1	Peripheral devices 8255 PPI	Day1 G1	Interfacing exercise on 8279 programmable KB/display interface like to display the hex code of key pressed on display
	Day 2	8253 PIT		
	Day 3	8257 / 8237 DMA controller	Day2 G2	Interfacing exercise on 8279 programmable KB/display interface like to display the hex code of key pressed on display
15 th Week	Day 1	8257 / 8237 DMA controller	Day1 G1	Use of 8085 emulator for hardware testing
	Day 2	8279 Programmable KB/Display Interface		
	Day 3	8251 Communication Interface Adapter	Day2 G2	Use of 8085 emulator for hardware testing

LESSON PLAN

Name of faculty :Seema Ahlawat

Discipline :Computer Engineering

Subject : OOPJ (4thsem)

Lesson plan duration :15 weeks

Workload per week: Lectures-03,practicals-06

week	Theory		Practical	
	Lecture Day	Topic(including assignment/test)	Practical	Topic
1 st	1 st	Introduction and Features :Fundamentals of Object oriented programming – procedure oriented programming Vs. object Oriented programming (OOP.) Object oriented programming concepts– Classes, object, object reference	1 st	Program of basic OOP in java.
	2 nd	<i>Abstraction ,encapsulation Inheritance,</i>		
	3 rd	<i>Inheritance, polymorphism, Introduction of eclipse(IDE)for developing programs in Java</i>	2 nd	Program of basic OOP in java.
2 nd	1 ST	Language Constructs :Review of constructs of C used in JAVA :	1 st	ConsiderwehaveaClassofCars underwhichSantroXing,AltoandWagonRepresentsindividualObjects.InthiscontexteachCar Objectwillhaveitsown,Model,Year ofManufact.,Color,TopSpeed, etc.whichformPropertiesofthe Carclassand the associated actions i.e., object Functions like Create(),Sold(),display()form theMethodsofCarClass.Use this classtocreateanotherclassCompanythat tracksthemodelist create.
	2 ND	data types, increment and decrement operators		
	3 RD	Relational and logical operators, if else then clause		
			2 nd	SoftwareEngineers,ModuleLead,TechnicalLead,ProjectLead,ProjectManager,

				Program Manager, Directors all are the employees of the company but their work, perks, roles, responsibilities differs. Create the Employee base class would provide the common behavior so for all types of employee and also some behaviors properties that all employee must have for that company. Also include search method
3 rd	1 st	Conditional expressions, input using scanner class	1 st	Suppose the Airport person also want to maintain records of the arrival and departure of the planes. Create a class Airport that has data like name, id, and address.
	2 nd	Input using scanner class and output statement,		
	3 rd	Output statement Loops,	2 nd	Practice of practical's.
4 th	1 st	Switch case	1 st	. Create a whole menu driven hospital management system using concept of OOP like classes, inheritance. Include information about the following: a. Patient - name, registration id, age, disease, etc. b. Staff - id, name, designation, salary, etc.
	2 nd	Arrays		
	3 rd	Methods	2 nd	Practice of practical.
5 TH	1 st	Classes and Objects: Creation, accessing class members	1 st	Create a class called Musician should contain three methods string(), wind() and perc(). Each of these methods should initialize a string array to contain the following instruments: veena, guitar, sitar, sarod and mandolin under string() - flute, clarinet, saxophone, nadaswaram and piccolo under wind()- tabla, mridangam, bangos, dums and tambour under perc
	2 nd	Private Vs Public Vs Protected Vs Default		
	3 rd	Revision / Test	2 nd	Practice of practical.
6 TH	1 st	Constructors	1 st	Write three derived classes inheriting functionality of

	2 nd	Object & Object Reference		baseclassperson(shouldhaveamemberfunctionthataskstoenternameandage)andwithaddeduniquefeaturesofstudent,andemployee,andfunctionalitytoassign,changeanddeleterecordsofstudentandemployee.
	3 rd	Object & Object Reference	2 nd	Practice of practical's.
7 th	1 st	Inheritance: Definition of inheritance, protected data,	1 st	Usingtheconceptofmultipleinheritancecreateclasses:Shape,Circle,Square,Cube,Sphere,Cylinder. YourclassesmayonlyhavetheclassvariablespecifiedinthetablebelowandthemethodsAreaand/orVolumetooutputtheirareaand/orvolume.
	2 nd	Private data, public data,		
	3 rd	Constructor chaining, order of invocation	2 nd	Write a program to create Class Person.
8 th	1 st	Order of invocation, types of inheritance,	1 st	To create class STUDENT inherit from Person
	2 nd	Single inheritance Multilevel inheritance,	2 nd	To create class Instructor inherits from Person.
	3 rd	Hierarchical inheritance		
9 th	1 st	Hierarchical inheritance Hybrid inheritance	1 st	To create class Instructor inherit from Person.
	2 nd	Hybrid inheritance		
	3 rd	Polymorphism: Method & constructor overloading,	2 nd	Writetheclassdefinitions,theconstructors,setmethods,getmethodsandforallclasses.
10 th	1 st	Method overriding	1 st	Writetheclassdefinitions,theconstructors,setmethods,getmethodsandforallclasses.
	2 nd	up-casting, down-casting		
	3 rd	Revision /Test	2 nd	
11 th	1 st	Abstract class& Interface	1 st	Write the classdefinitions,theconstructors,setmethods,getmethodsandforallclasses.
	2 nd	Abstract class &Interface		
	3 rd	Implementation of multiple inheritance through	2 nd	Write the class definitions, the constructors ,set

		interface		Methods, get methods and for all classes.
12 th	1 st	Implementation of multiple inheritance through interface	1 st	Write the class definitions ,the constructors ,set methods, get Methods and for all classes.
	2 nd	Implementation of multiple inheritance through interface	2 nd	9.OldMacDonalddhadafarman dseveral typesofanimals.Every animalsharedcertaincharacte ristics:theyhadatype(suchasc ow,chickorpig)andeachmade asound(moo,cluck).AnInterfa cedefinesthose thingsrequire dtobeananimalonthefarm.De finenewclassesfortheOldMac Donald that implement the Animal and Farm class. Create array of object of animal to define the different types of animalinthefarm.Also createa ppropriatemethodstogetands ettheproperties
	3 rd	Revision of Abstract class & Interfaceand discuss problems		
13 th	1 st	Exception Handling:	1 st	10.WriteaprogramwithStude ntasabstractclassandcreated eriveclassesEngineering,Med icineandSciencefrombasecla ssStudent.Createtheobjectso fthederivedclassesandproce ssthemandaccessthemusing arrayofpointeroftypebasecla ssStudent.
	2 nd	Implementation of keywords like try and catch		
	3 rd	Implementation of keywords like finally, throw &throws.		Practice of practical..
14 th	1 st	Importance of exception handling in practical implementation of live projects	1 st	Revision of practical.
	2 nd	Importance of exception handling in practical implementation of live projects		
	3 rd	Revision and problems	2 nd	Revision of practical.
15 th	1 st	Revision and problems	1 st	Revision of practical.
	2 nd	Revision and problems		
	3 rd	Revision /Test	2 nd	Revision of practical.

Lesson Plan

Name of the Faculty : Raman Filok
 Discipline : Computer Engg.
 Semester : 4th
 Subject : Data Structure using C
 Lesson plan duration : 15 weeks (Theory-3hr, Practical-6hrs)

Week	The		Practical	
	Lecture Day	Topic (including assignments /tests)	Practical Day	Topic
1 st Week	1 st	Problem solving concept , Top-down and bottom-up design, structured programming	1 st	Exercise of C Program
			2 nd	Exercise of C Program
	2 nd	Concept of data type, variables and constants	1 st	Exercise of C Program /Revision/Practice Session
	3 rd	Introduction to data Structure(Linear, Non Linear, Primitive, Non Primitive))	2 nd	Exercise of C Program /Revision/Practice Session
Week 2	1 st	Concept of Data Structure (Array, Linked List, Stack, Queue, Trees, Graphs)	1 st	Exercise of C Program
			2 nd	Exercise of C Program
	2 nd	Concept of Arrays	1 st	Program regarding Array/Revision/Practice Session
	3 rd	One dimensional Array, Two Dimensional Array: Representation of Two dimensional Array (Base address, LB, UB)	2 nd	Program regarding Array/Revision/Practice Session
Week 3	1 st	Operational on Arrays with Algorithms (inserting, deleting)	1 st	Program regarding Array
	2 nd	Operational on Arrays with Algorithms (Searching, Traversing	2 nd	Program regarding Array
	3 rd	Introduction to linked list and double linked list, Representation of Linked list in Memory	1 st	Program regarding Array/Revision/Practice Session
			2 nd	Program regarding Array/Revision/Practice Session
Week 4	1 st	Describe and Comparison between Linked list and Array	1 st	Program of Matrices
	2 nd	Traversing and Searching Linked List	2 nd	Program of Matrices
	3 rd	Insertion and deletion into Linked list	1 st	Program of Matrices/ Revision/ Practice Session
			2 nd	Program of Matrices/Revision/Practice Session
Week 5	1 st	Application of Linked List and Explain Doubly Linked List	1 st	Program of addition of two Matrices using function
	2 nd	Traversing, Insertion and deletion into doubly Linked List	2 nd	Program of addition of two Matrices using function
	3 rd	Introduction to Stack, Representation of Stacks With Array and Linked list	1 st	Program of addition of two Matrices using function/Revision/PracticeSession
			2 nd	Program of addition of two Matrices using function/Revision/PracticeSession

Week 6	1 st	Implementation of Stacks	1 st	Program of inserting and deleting elements in array
		Converting Infix to Post Fix Notation)		
			2 nd	Program of addition of two Matrices using function/Revision/PracticeSession
	3 rd	Evaluation of Post fix Notation and Tower of Hanoi	1 st	Program of inserting and deleting elements in array /Revision/Practice Session
			2 nd	Program of inserting and deleting elements in array /Revision/Practice Session
Week 7	1 st	Recursion : Concept and Comparison between recursion and Iteration	1 st	Program of Push and POP Operation in stack
	2 nd	Introduction of Queues and Implementation of queues (array and Linked list with algorithm)	2 nd	Program of Push and POP Operation in stack
	3 rd		1 st	Program of Push and POP Operation in stack /Revision/Practice Session
			2 nd	Program of Push and POP Operation in stack /Revision/Practice Session
Week 8	1 st	Explain Circular Queues and De-Queues	1 st	Program of Conversion from infix notation
	2 nd	Introduction of Trees and Concept of Binary Trees	2 nd	Program of Conversion from infix notation
	3 rd		1 st	Program of Conversion from infix notation/Revision/PracticeSession
			2 nd	Program of Conversion from infix notation/Revision/Practice Session
Week 9	1 st	Concept of representation of Binary Tree	1 st	Program of the Factorial of given number using recursion
	2 nd	Concept of representation of balanced Binary Tree	2 nd	Program of the Factorial of given number using recursion
	3 rd	Explain Traversing Binary Trees (Pre Order, Post Order and In Order)	1 st	Program of the Factorial of given number using recursion /Revision/Practice Session
			2 nd	Program of the Factorial of given number using recursion /Revision/Practice Session
Week 10	1 st	Explain Searching, inserting and deleting in binary seary trees	1 st	Insertion and Deletion of elements in Queue and Circular Queue using Pointer
	2 nd	Explain Searching, inserting and deleting in binary seary trees	2 nd	Insertion and Deletion of elements in Queue and Circular Queue using Pointer
	3 rd		1 st	Insertion and Deletion of elements in Queue and Circular Queue using Pointer /Revision/Practice Session

			2 nd	Insertion and Deletion of elements in Queue and Circular Queue using Pointer /Revision/Practice Session
Week 11	1 st	Test	1 st	Insertion and Deletion of elements in Linked List and doubly Linked list
	2 nd	Problems Solution		
	3 rd	Previous topic Explain	2 nd	Insertion and Deletion of elements in Linked List and doubly Linked list
			1 st	Insertion and Deletion of elements in Linked List and doubly Linked list/Revision/Practice Session
			2 nd	Insertion and Deletion of elements in Linked List and doubly Linked list/Revision/Practice Session
Week 12	1 st	Introduction of Sorting and Searching	1 st	Program of Linear Search procedures to search an element in given list
	2 nd	Search algorithm(Linear and Binary)		
			2 nd	Program of Linear Search procedures to search an element in given list
	3 rd	Search algorithm(Linear and Binary)	1 st	Program of Binary Search procedures to search an element in given list/Revision/Practice Session
			2 nd	Program of Binary Search procedures to search an element in given list/Revision/Practice Session
Week 13	1 st	Concept and uses of Sorting	1 st	Previous Problems solution
	2 nd	Sorting Algorithm (Bubble sort)	2 nd	Previous Problems solution
	3 rd	Sorting Algorithm (Insertion sort)	1 st	Previous Problems solution /Revision/Practice Session
			2 nd	Previous Problems solution /Revision/Practice Session
Week 14	1 st	Sorting Algorithm (Selection sort)	1 st	Program of Bubble Sort
	2 nd	Sorting Algorithm (Merge Sort)	2 nd	Program of Bubble Sort
	3 rd	Sorting Algorithm (Radix sort) & Sorting Algorithm (Heap Sort)	1 st	Program of Bubble Sort/Revision/Practice Session
			2 nd	Program of Bubble Sort/Revision/Practice Session
Week 15	1 st	Problems Solution	1 st	Program of Selection Sort
	2 nd	Problems solution	2 nd	Program of Selection Sort
	3 rd	Test	1 st	Program of Selection Sort /Revision/Practice Session
			2 nd	Program of Selection Sort /Revision/Practice Session

LESSON PLAN

Name of the Faculty:- Joginder Singh
 Subject Computer organization
 Semester 4th
 Duration 15 weeks

NO.	THEORY DAY	TOPICS COVERED	PRACTICAL
1	1	Introduction of computer hardware	N/A
	2	CPU organization	N/A
	3	Three address,two address,one address zero	N/A
2	1	RISC Instruction	N/A
	2	Addressing modes: Immediate,register,direct	N/A
	3	CPU Design: Microprog.vs hard wired	N/A
3	1	Reduced instruction set computer	N/A
	2	CISC characteristics	N/A
	3	Revision & class test	N/A
4	1	Introduction to memory	N/A
	2	Memory Hirerachy	N/A
	3	RAM and ROM chips	N/A
5	1	Memory connection to CPU	N/A
	2	Auxillary Memory	N/A
	3	Cache memory	N/A
6	1	Virtual memory	N/A
	2	Memory Management hardware	N/A
	3	Revision calss test	N/A
7	1	Introduction to O/I organization	N/A
	2	Functions of BIOS and test	N/A
	3	Test and Initialization, configuring the system	N/A
8	1	Introduction to modes of data transfer	N/A
	2	Explain Programmed I/O	N/A
	3	Assignment questions revision	N/A
9	1	Various types of interrupts	N/A
	2	DMA data transfer	N/A
	3	Revision & class test	N/A
10	1	Introduction to Architecture of Computer	N/A
	2	Multi processor systems	N/A
	3	Forms of parallel processing	N/A
11	1	introduction to Multiprocessor	N/A
	2	Multi processor systems in detail	N/A
	3	revision -class test	N/A
12	1	Forms of parallel processing	N/A
	2	Parallel processing and pipelines,	N/A
	3	Basic charactersteristics	N/A
13	1	Interconnection network	N/A
	2	Time shared bus	N/A
	3	System bus	N/A
14	1	Multi ports	N/A
	2	Cross bar switch	N/A
	3	Multi stage	N/A
15	1	Switching networks	N/A
	2	Hyper cube structures.	N/A
	3	Revision & class test	N/A

Lesson Plan

Name of the Faculty: Narender Kumar

Discipline: COMPUTER ENGG.

Semester: 4th

Subject: DBMS

Lesson Plan: 15Weeks (from March 2021 to July 2021) Theory-3hrs, Practical-3hrs.

Week	Theory		Practical	
1 st Week	Day 1	Database Systems; Database and its purpose, Characteristics of the database approach,	Day1 G1	Exercises on creation and modification of structure of tables
	Day 2	Advantages and disadvantages of database systems		
	Day 3	Classification of DBMS Users; Actors on the scene, Database Administrators, Database Designers, End Users, System Analysts and Application Programmers,	Day2 G2	Exercises on creation and modification of structure of tables
2 nd Week	Day 1	Workers behind the scene (DBMS system designers and implementers, tool developers, operator and maintenance personnel)	Day1 G1	Exercises on creation and modification of structure of tables
	Day 2	Revision		
	Day 3	Revision	Day2 G2	Exercises on creation and modification of structure of tables
3 rd Week	Day 1	Data models, schemas, instances, data base state	Day1 G1	Exercises on inserting and deleting values from tables.
	Day 2	DBMS Architecture; The External level, The conceptual level, The internal level, Mappings		
	Day 3	Data Independence; Logical data Independence, Physical data Independence. Database Languages and Interfaces;	Day2 G2	Exercises on inserting and deleting values from tables.
4 th Week	Day 1	Classification of Database Management Systems-Centralized, Distributed, parallel and object based.	Day1 G1	Exercises on inserting and deleting values from tables.
	Day 2	Revision		

	Day 3	Revision	Day2 G2	Exercises on inserting and deleting values from tables.
5 th Week	Day 1	Data Models Classification; File based or primitive models,	Day1 G1	Practical Exam
	Day 2	traditional data models, semantic data models. Entities and Attributes,		
	Day 3	Entity types and Entity sets, Key attribute and domain of attributes, Relationship among entities	Day2 G2	Practical Exam
6 th Week	Day 1	Database design with E/R model.	Day1 G1	Exercises on querying the table (using select command).
	Day 2	Revision		
	Day 3	Revision	Day2 G2	Exercises on querying the table (using select command).
7 th Week	Day 1	Relational Model Concepts: Domain, Attributes, Tuples cardinality, keys(Primary, Secondary, foreign, alternative keys) and Relations	Day1 G1	Exercises on using various types of joins.
	Day 2	Relational constraints and relational database schemes; Domain constraints, Key constraints and constraints on Null.		
	Day 3	Relational databases and relational database schemes, Entity integrity, referential integrity and foreign key.	Day2 G2	Exercises on using various types of joins.
8 th Week	Day 1	Comparison b/w E/R model and Relational model.	Day1 G1	Exercises on using various types of joins.
	Day 2	Revision		
	Day 3	Revision	Day2 G2	Exercises on using various types of joins.
9 th Week	Day 1	Trivial and non-trivial dependencies. Non-loss decomposition and functional dependencies	Day1 G1	Exercises on using functions provided by database package.
	Day 2	First, Second and Third normal forms, Boyce/Codd normal form, denormalization		
	Day 3	Revision	Day2 G2	Exercises on using functions provided by database package.
10 th Week	Day 1	Creating and using indexes, creating and using views.	Day1 G1	Exercises on using functions provided by database package.

	Day 2	Database security, process controls, database protection, grant and revoke		
	Day 3	Database security, process controls, database protection, grant and revoke	Day2 G2	Exercises on using functions provided by database package.
11 th Week	Day 1	Revision	Day1 G1	Practical Exam
	Day 2	Revision		
	Day 3	SQL* DDL (Data Definition Languages): Creating Tables, Creating a table with data from another table	Day2 G2	Practical exam
12 th Week	Day 1	Inserting values into a table, updating columns of a Table, Deleting Rows, Dropping a Table	Day1 G1	Exercises on commands like Grant, Revoke, Commit and Rollback etc.
	Day 2	DML (Data Manipulation Language): Database Security and Privileges, Grant and Revoke Command,		
	Day 3	Maintaining Database Objects, Commit and Rollback, various types of select commands	Day2 G2	Exercises on commands like Grant, Revoke, Commit and Rollback etc.
13 th Week	Day 1	various types of joins, sub query, aggregate functions.	Day1 G1	Exercises on commands like Grant, Revoke, Commit and Rollback etc.
	Day 2	Challenges of My SQL. Introduction to Big Data. Understanding Big Data with samples.		
	Day 3	Challenges of My SQL. Introduction to Big Data. Understanding Big Data with samples.	Day2 G2	Exercises on commands like Grant, Revoke, Commit and Rollback etc.
14 th Week	Day 1	Challenges of My SQL. Introduction to Big Data. Understanding Big Data with samples.	Day1 G1	Design of database for any application.
	Day 2	Revision		
	Day 3	Revision	Day2 G2	Design of database for any application.
15 th Week	Day 1	Revision	Day1 G1	Design of database for any application.
	Day 2	Revision		

	Day 3	Revision	Day2 G2	Design of database for any application.
--	-------	----------	------------	---