LESSON PLAN FOR SESSION :2018-19

NAME OF EMPLOYEE: MS.REETU
DEPARTMENT:COMPUTER ENGINEERING
DESIGNATION: LECTURER
SUB: PROGRAMMING IN JAVA
TEACHING LOAD:3(L)-3(P)
SEMESTER:6TH

WEEK NO.	THEORY DAY	TOPICS COVERED	PRACTICAL DAY	PRACTICAL DONE
1	1	Brief history of java		
	2	How java works	1	program to tell whether a number is even or odd
	3	Java virtual machine		
2	1	Java -in-time compiler	1	Display the output which is given below:
	2	Java features,using java with other tools		*
	3	Native code,java application types		* *
3	1	Comparison with C & C++		* * *
	2	Discussion on students' queries-->Assignment1		
	3	Data types in java	1	program which sorts an array of type integer
4	1	Control Flow Statements		
	2	Control Flow Statements	1	program to determine the sum of the harmonic series
	3	Arrays in java		
5	1	Casting in java	1	programme to convert the given temperature in Fahrenheit to Celsius using
	2	Command line arguments		the following conversion formula
	3	Discussion on students' queries-->Assignment2		C = F.32/1.8
6	1	Class test of unit 1&2	1	Write programme using a do ….. while loop to calculate and print the
	2	Introduction to classes		first m fibonacci numbers
	3	Inheritance		
7	1	Encapsulation,polymorphism	1	programme to find all the numbers and sum of all integers greater than 100
	2	Constructors		less than 200 that are divisible by 7
	3	Finalizers		
8	1	Garbage Collection	1	Given a list of marks ranging from 0 to 100, write a programme to compute and
	2	Access specifiers in java		print the number of student should have obtained marks (a) in the range 81 to 100
	3	Discussion on students' queries-->Assignment3		(b) in the range 61 to 80 (c) in the range 41 to 60 (d) in the range 0 to 40.
9	1	Interfaces		
	2	Using java interfaces	1	Write a program which will store the students roll no. names and total marks in the
	3	Packages in java		database
10	1	Using java packages-->Assignment4		
	2	Overview of exception handling		
	3	Method to use exception handling	1	Write a program which will display all those records whose marks are above 75%
11	1	Methods available for exception handling	1	Write a programme to evaluate the following investment equation V=P (1+r)n
	2	Use of Throw statement and Throws class		
	3	Use of finally class->Assignment5		
12	1	Creating your own exception classes	1	Exercises on exceptional handling
	2	Overview of threads & multithreading		
	3	Thread Basics-creating & running a thread		
13	1	The thread control methods		
	2	The thread life cycle	1	Exercises on creating and running threads
	3	Synchronization--->Assignment6		
14	1	Class test	1	Write a program to process the application of eligible candidates.
	2	Java applet Vs java application		
	3	Building applications & applets using JDK		
15	1	HTML for java applets		
	2	Managing Input output stream	1	Write a program using applets.
	3	Discussion on topics done--->Assignment7		