

Discipline: Computer Science Engg.	Semester: Third (3 rd)	Name of the Faculty: Er Aparajita Das
Subject: OOPS USING JAVA	No. of days/week class allotted: Three (3)	Semester from Date: 15.09.22 to Date: 15.12.22 No. of Weeks: 15
WEEK	CLASS DAY	THEORY TOPICS
1 st	1 st	1. Write a Java program to print 'Hello' on screen and then print your name on a separate line.
	2 nd	2. Write a Java program to print the sum of two numbers
	3 rd	Review Class
2 nd	1 st	1. Write a Java program that takes a number as input and prints its multiplication table up to 10.
	2 nd	2. Write a Java program to print the area and perimeter of a rectangle
	3 rd	Review Class
3 rd	1 st	1. Write a Java program to swap two variables
	2 nd	2. Write a Java program to convert a decimal number to binary number
	3 rd	Review Class
4 th	1 st	1. Write a Java program to compare two numbers.
	2 nd	2. Write a Java program and compute the sum of the digits of an integer
	3 rd	Review Class
5 th	1 st	1. Write a Java program to count the letters, spaces, numbers and other characters of an input string
	2 nd	2. Write a Java program to reverse a string.
	3 rd	Review Class
6 th	1 st	Write a Java program to accept a number and check the number is even or not. Prints 1 if the number is even or 0 if the number is odd.
	2 nd	
	3 rd	Review Class
7 th	1 st	Write a Java program that accepts two integer values from the user and return the larger values. However, if the two values are the same, return 0 and return the smaller value if the two values have the same remainder when divided by 6.
	2 nd	
	3 rd	Review Class

8 th	1 st	Write a Java program to get the larger value between first and last element of an array (length 3) of integers.
	2 nd	
	3 rd	Review Class
9 th	1 st	Design a class to represent a bank account.
	2 nd	
	3 rd	Review Class
10 th	1 st	Given are two one-dimensional arrays, A and B which are sorted in ascending order. Write a program to merge them into a single sorted array C that contains every item from arrays A and B, in ascending order
	2 nd	
	3 rd	Review Class
11 th	1 st	1. Write a java program implementing multiple inheritance. 2. Write a java program implementing package.
	2 nd	
	3 rd	Review Class
12 th	1 st	1. Write a java program to read a file line by line and print the line on the output screen. 2. Write a java program to read content from one file and write it into another file
	2 nd	
	3 rd	Review Class
13 th	1 st	Define an exception called "No Match Exception" that is thrown when a string is not equal to "India". Write a program that uses this exception
	2 nd	
	3 rd	Review Class
14 th	1 st	Develop a java project for percentage calculator/temperature conversion tool.
	2 nd	
	3 rd	Review Class
15 th	1 st	Develop a java project for percentage calculator/temperature conversion tool. (Continue)
	2 nd	
	3 rd	Review Class