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Q.1	Write a java program print “Hello World”.		
Q.2	Write a java program to show uses of final keyword with variable, method and class in Java.		
Q.3	Write a java program to display uses of abstract keyword in Java.		
Q.4	Write a java program to illustrate implementing an interface and extending a class in Java.		
Q.5	Write a java program that prints all real solutions to the quadratic equation $ax^2 + bx + c = 0$ . Read in a, b, c and use the quadratic formula.		
Q.6	The following rule defines the Fibonacci sequence. The first two values in the sequence are 1 and 1. Every subsequent value is the sum of the two values preceding it. Write a java program that uses both recursive and non-recursive functions		
	<u>Assignment 2</u>		
Q.1	Write a java program to multiply two given matrices.		
Q.2	Write a java program to implement a) Method overloading and constructors overloading b) Write a java program to implement method overriding.		
Q.3	Write a java program to check whether a given string is a palindrome.		
Q.4	Write a java program for sorting a given list of names in ascending order		
Q.5	Write a java program to create an abstract class named Shape that contains two integers and an empty method named print Area (). Provide three classes named Rectangle, Triangle, and Circle such that each one of the classes extends the class Shape. Each one of the classes contains only the method print Area () that prints the area of the given Shape		
Q.6	Write a Java program to show uses of Vector class.		

Sr no.	<b><u>Assignment 3</u></b>	Pg no.	signature
<b>Q.1</b>	Write a Java program to write a string in a file using FileOutputStream class.		
<b>Q.2</b>	Write a Java program to read content of a file and print it on screen using FileInputStream class.		
<b>Q.3</b>	Write a Java program which takes input from a file and write it into another file.		
<b>Q.4</b>	Write a Java program to show uses of try-catch in exception handling.		
<b>Q.5</b>	Write a Java program to demonstrate throwing user defined exceptions as well as finally in exception handling.		
<b>Q.6</b>	Write a program that creates a user interface to perform integer division. The user enters two numbers in the text fields, Num1 and Num2. The division of Num1 and Num2 is displayed in the Result field when the Divide button is clicked. If Num1 and Num2 were not integers, the program would throw a Number Format Exception. If Num2 were zero, the program would throw an Arithmetic Exception Display the exception in a message dialog box		
	<b><u>Assignment 4</u></b>		
<b>Q.1</b>	Write a java program that implements a multi-thread application that has three threads. First thread generates a random integer every 1 second, and if the value is even, the second thread computes the square of the number and prints. If the value is odd, the third thread will print the value of the cube of the number.		
<b>Q.2</b>	Write a java program that displays the number of characters, lines, and words in a text file.		
<b>Q.3</b>	Write a java program that reads a file and displays the file on the screen with a line number before each line.		
<b>Q.4</b>	Write a java program that loads names and phone numbers from a text file where the data is organized as one line per record, and each field in a record is separated by a tab (/t). It takes a name or phone number as input and prints the corresponding other value from the hash table. Hint: Use hash tables		
<b>Q.5</b>	Write a java program that connects to a database using JDBC and does add, delete, modify and retrieve operations.		