V Semester JAVA Program List for the Academic Year 2020-21

1. Write a program to find the distance between two points.

2. Write a program to find the sum, difference, product, quotient and remainder of two numbers passed as command line argument.

3. Write java program to display Fibonacci series up to a limit.

4. Write java program to display Armstrong numbers within a range.

5. Given the sides of a triangle, write a program to check whether the triangle is equilateral, isosceles or scalene and find its area.

6. Read an array of 10 or more numbers and write a program to find the a) Smallest element in the array b) Largest element in the array c) Second largest element in the array

7. Write a program to perform base conversion a) Integer to binary b) Integer to Octal c) Integer to Hexadecimal

8. Write a program to merge two arrays.

9. Java Programming Code to Find HCF LCM of Two Numbers

10. Write a Java Program to convert centimetre to inch, meter and kilometrer

11. Write a program to find the trace and transpose of a matrix.

12. Write java program to find the sum of the digits and reverse of a given number using class and objects.

13. Write a Java Programming Code to Check given string Anagram or Not. If the two strings are anagram to each other, then one string can be rearranged to form the other string. For Example: abc and cba are anagram.

14. Write a Java Program to remove all vowels from a string

15. Using class and objects, write a java program to find the sum of two complex numbers (Hint: Use object as parameter to function). 16.Write a program to count and display total number of objects created to a class (Hint: static members). 17.Write a java program to find the volume of cube, rectangular box, cylinder using function overloading. 18.Create an interface volume with member variable pi and methods readdata () and dispvolume (). Create two classes sphere and cylinder to implement this interface. Write a Java program to find the volume. 19.Write a multi thread java program for displaying odd numbers and even numbers up to a limit (Hint: Implement thread using Runnable interface). 20.Create an applet for displaying smiling face.