

Dr. C. V. RAMAN UNIVERSITY

KARGI ROAD-KOTA, BILASPUR (C.G.)

Practical Manual

Programme: BCA 3rd Sem.

Java Programming

List of practical

1. Write a program to check whether a number is Armstrong number or not.
2. Write a program to sort a stream of Strings.
3. Write a program to perform multiplication of two matrices.
4. Develop a program to illustrate a copy constructor so that a string may be duplicated into another variable either by assignment or copying.
5. Create a base class called shape. It contains two methods getxyvalue() and showxyvalue() for accepting co-ordinates and to display the same. Create the subclass called Rectangle which contains a method to display the length and breadth of the rectangle called showxyvalue(). Use overriding concept.
6. Write a program which throws Arithmetic Exception. Note the output, write another class
 - a. (in a different file) that handles the Exception.
7. Create a user defined Exception class which throws Exception when the user inputs the marks greater than 100.

8. Write a program using InetAddress class and also show the utility of URL and URL Connection classes.
9. Write a program which illustrates capturing of Mouse Events. Use Applet class for this.
10. Write a program using RMI in which a simple remote method is implemented.
11. Write a servlet program using HttpServlet class. Also give the appropriate HTML file which posts data to the servlet.
12. Write a JDBC program for Student Mark List Processing.