

Lab-1 Programs

- 1) Write a java program to display welcome to java course message using Hardcoded approach, one of soft approach (Command prompt).
- 2) Write a java program to display default value and size occupied by all primitive data types.

Note: - From the below program onwards, provide input dynamically

- 3) Write a Java Program to Display,

Welcome to XXXX Java Course

Name, Gender, Branch, Age, Marks in DS and % of E1-Sem 2

Note: - Use Scanner class and where XXXX is ID number

- 4) Write a java program to work with all operators and Control statements.
- 5) Write a java program to print multiple table of a given number up to given range using Constructors.
- 6) Write a java program to illustrate the concept of this, super, this() and super().
- 7) Write a java program to convert given number into String (Text format and Word format).
- 8) Write a java program,
 - a) To Read two numbers and perform addition, multiplication, GCD, LCM and display prime numbers between the given numbers.
 - b) To Read a number and print even or odd, +ve or -ve, Factorial.
 - c) Roots of Quadratic equation.
 - d) To read and print Armstrong or not, Palindrome or not
 - e) To print first letter of your name in the form of *'s
- 9) Write a java program to implement a simple calculator application (+,-,*,/,%, calculate). (follow Feasible approach)

Note: - 1) Read first value from the user.
2) Choose type of operation need to perform.
3) Read first value from the user.
4) Display result after selecting the calculate option