

JAVA Lab Assignment 3

1. Write a program to demonstrate the difference between static & non-static variables.
2. Create a java program that has three version of add method which can add two, three, and four integers.
3. Create a class SimpleCalculator that has functionality of addition, substraction division, multiplication, square and squareroot and then create another class ScientificCalculator that has functionality of SimpleCalculator and some other functionality like sin, cos, tan, sin-1, cos-1, tan-1 .
4. Write a program to enter data of Employee. If user leaves the blank input, then display default values.

The data fields are: emp_code, emp_name, emp_ssn, emp_dept

The default values are:

emp_code=0000, emp_name=NA, emp_ssn=10XX, emp_dept=Not Known

5. Write a Program to input the data of 10 students of your college and display in Tabular Form: (Use the concept of static variable)

The format should look like:

IIT Roorkee

Roll No	Name	Age	Department	CGPA
1001	Rahul	19	CSE	9.2