

## Java Practical's

### Experiment 1:

Set up and get familiar with Java programming environment;

1. Write a program to print “ Hello World” in Java.
2. Write a Java program to print the sum of two numbers.

### Experiment 2:

Study language features of Java (variables, data types, declarations, loop and branch constructs, etc.)

1. Write a program to find the sum of n natural numbers
2. Write a Java program to print the sum (addition), multiply, subtract, divide and remainder of two numbers.

*Test Data:*

Input first number: 132

Input second number: 20

3. Write a Java program that takes a number as input and prints its multiplication table up to 10.
4. Write a Java program to swap two variables.
5. Calculate the sum of digits of a given number.
6. Write a program in Java to generate first n prime numbers.
7. Write an interactive program to print a string entered in a pyramid form. For instance, the string “stream” has to be displayed as follows:

S  
S t  
S t r  
S t r e  
S t r e a m

8. Write a program to generate random number in java.
9. Write a java program to convert number to word.
10. Java Program to copy all elements of one array into another array
11. Java Program to Find Largest Number in an array
12. Write a java program to perform addition of Two Matrices
13. Write a Java program to perform multiplication of Two Matrices