

## Assignments:

1. Write a Java program to print your name.
2. Write a Java program to add two numbers.
3. Write a Java program to change temperature from Celsius to Fahrenheit.
4. Write a Java program to change temperature from Fahrenheit to Celsius.
5. Write a Java program to find area and perimeter of a rectangle.
6. Write a Java program to find area and perimeter of a circle.
7. Write a Java Program to display whether a number is odd or even.
8. Write a Java Program to check if a number is Positive or Negative.
9. Write a Java program to find maximum of three numbers.
10. Write a Java program to swap two numbers.
11. Write a Java program to convert miles to kilometers.
12. Write a Java program to check whether a year is leap year or not.
13. Write a Java program for following grading system.

Note: Percentage  $\geq 90\%$  : Grade A

Percentage  $\geq 80\%$  : Grade B

Percentage  $\geq 70\%$  : Grade C

Percentage  $\geq 60\%$  : Grade D



1. Write a Java program to check whether a number is Buzz or not
2. Write a Java program to calculate factorial of 12.
3. Write a Java program for Fibonacci series.
4. Write a Java program to reverse a number.
5. Admission to a professional course is subject to the following conditions:  
(a) marks in Mathematics  $\geq 60$       (b) marks in Physics  $\geq 50$   
(c) marks in Chemistry  $\geq 40$       (d) Total in all 3 subjects  $\geq 200$

(Or)

Total in Maths & Physics  $\geq 150$

Given the marks in the 3 subjects of n (user input) students, write a program to process the applications to list the eligible candidates.

6. Write a Java program to find all roots of a quadratic equation.
7. Write a Java program to calculate the sum of natural numbers up to a certain range.
8. Write a Java program to print all multiple of 10 between a given interval.
9. Write a Java program to generate multiplication table.
10. Write a Java program to find HCF of two Numbers.
11. Write a Java program to find LCM of two Numbers.
12. Write a Java program to count the number of digits of an integer.
13. Write a Java program to calculate the exponential of a number.
14. Write a Java program to check whether a number is palindrome or not.