

Assignments on Operators, If-Else, Loops

1. Write a Java program to enter length and breadth of a rectangle and find its perimeter.
2. Write a Java program to enter length and breadth of a rectangle and find its area.
3. Write a Java program to enter radius of a circle and find its diameter, circumference and area.
4. Write a Java program to enter length in centimeter and convert it into meter and kilometer.
5. Write a Java program to convert days into years, weeks and days.
6. Write a Java program to find power of any number x^y .
7. Write a Java program to enter any number and calculate its square.
8. Write a Java program to enter base and height of a triangle and find its area.
9. Write a Java program to enter P, T, R and calculate Simple Interest.
10. Write a Java program to enter P, T, R and calculate Compound Interest.
11. Write a Java program to find maximum between three numbers.
12. Write a Java program to check whether a number is negative, positive or zero.
13. Write a Java program to check whether a number is divisible by 5 and 11 or not.
14. Write a Java program to check whether a year is leap year or not.
15. Write a Java program to check whether a character is alphabet or not.
16. Write a Java program to input any alphabet and check whether it is vowel or consonant.
17. Write a Java program to input any character and check whether it is alphabet, digit or special character.

Here is a set of basic programming problems based on switch case to practice.

1. Write a Java program to print day of month name using switch case.
2. Write a Java program print total number of days in a month using switch case.

3. Write a Java program to check whether an alphabet is vowel or consonant using switch case.
4. Write a Java program to create Simple Calculator using switch case.