

Assignment 1

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Write Algorithm or Flowchart for the following programs.

1. Check if the given number is EVEN or ODD.
2. Write a Java Program to find the Factorial of a given number.
3. Find the Factorial of a number using Recursion.
4. Swap two numbers without using the third variable approach.
5. How to check whether the given number is Positive or Negative in Java?
6. Write a Java Program to find whether a given number is Leap year or NOT.
7. Write a Java Program to Print 1 To 10 Without Using Loop.
8. Write a Java Program to print the digits of a Given Number.
9. Write a Java Program to print all the Factors of the Given number.
10. Write a Java Program to find the sum of the digits of a given number.
11. Write a Java Program to find the smallest of 3 numbers (a,b,c)
12. How to add two numbers without using the arithmetic operators in Java?
13. Write a java program to Reverse a given number.
14. Write a Java Program to find the GCD of two given numbers.
15. Write a java program to LCM of TWO given numbers.
16. Write a java program to LCM of TWO given numbers using the Prime Factors method.
17. Check whether the Given Number is a Palindrome or NOT.
18. Write a Java Program to print all the Prime Factors of the Given Number.
19. To print the following series EVEN number Series 2 4 6 8 10 12 14 16
20. To print the following series ODD number Series 1 3 5 7 9 11 13...

Note: Everyone has to design Algorithm / Flowchart for above programs.
Later on you can implement the programs in Java programming language.