

## Program List for Java Programming

Sr. No.	Name
1	WAP to print "Hello World" in java using Command line arguments.
2	WAP to generate first n prime numbers.
3	WAP to generate a Ladder of number
4	WAP to find the maximum number using the conditional statements in java.
5	WAP which displays addition, subtraction, multiplication, division, and modulo of two numbers entered by user using command line arguments.
6	WAP to illustrate the conversion of int and double to byte.
7	WAP to check if the number entered by user is odd or even. Use command line arguments for input.
8	WAP to check if the entered number is positive, negative or zero.
9	WAP to find the entered character is a number, alphabet (uppercase, lowercase), special character or whitespace.
10	WAP to create a student marksheet and check the given conditions: Subject wise grade, Total Marks, Average, Percentage, Grade
11	WAP to display multiplication tables from 1 to 5 using looping statements.
12	WAP to reverse the digits of the number entered using while loop.
13	WAP to covert numbers to words and print them.
14	WAP to print month based on the entered number using Switch case statement.
15	WAP to multiply two matrix.
16	WAP to Concatenate Two Arrays without using arraycopy.

17	WAP to find the average of numbers in an array
18	WAP to demonstrate the use of finalize() method.
19	WAP to demonstrate use of this keyword. Check whether this can access the private members of the class or not.
20	WAP to develop overloaded constructor. Also develop the copy constructor to create a new object with the state of the existing object.
21	WAP to demonstrate the use of private constructor and also write a method which will count the number of instances created using default constructor only.
22	WAP to demonstrate single inheritance, multilevel inheritance and hierarchical inheritance.
23	WAP in java that implements Dynamic-method dispatch or Run-time polymorphism.
24	WAP in Java and create a class to find out whether the given year is leap year or not. (Use inheritance for this program)
25	WAP in java that illustrates the working of static variable.
26	WAP in which a subclass constructor invokes the constructor of the super class and instantiate the values.
27	WAP to demonstrate the method and constructor overloading.
28	WAP to demonstrate a simple method overriding.
29	WAP to perform a arithmetic operations in java by overriding method.
30	WAP to implement an abstract class.
31	WAP that illustrates interface inheritance. Interface P12 inherits from both P1 and P2. Each interface declares one constant and one method. The class Q implements P12. Instantiate Q and invoke each of its methods. Each method displays one of the constants.

32	WAP in java to demonstrate implementation of multiple inheritance using interface.
33	WAP to change a value using cloned object
34	WAP to demonstrate deep copy using clone()