**Programs - Easy Level**

1. Write a Java program to print 'Hello' on screen and then print your name on a separate line.
2. Write a Java program to print the sum of two numbers.
3. Write a Java program to divide two numbers and print on the screen.
4. Write a Java program to print the result of the following operations.   
   Test Data:  
   a. -5 + 8 \* 6  
   b. (55+9) % 9   
   c. 20 + -3\*5 / 8   
   d. 5 + 15 / 3 \* 2 - 8 % 3
5. Write a Java program to print the sum (addition), multiply, subtract, divide and remainder of two numbers.
6. Write a Java program to print the area and perimeter of a circle.
7. Write a Java program that takes three numbers as input to calculate and print the average of the numbers.
8. Write a Java program to print the area and perimeter of a rectangle.
9. Write a Java program to compare two numbers.
10. Write a Java program that reads an integer between 0 and 1000 and adds all the digits in the integer.
11. Write a Java program to check whether Java is installed on your computer.

**Solution:**

**11 . System.*out*.println("\nJava Version: "+System.*getProperty*("java.version"));**

**System.*out*.println("Java Runtime Version: "+System.*getProperty*("java.runtime.version"));**

**System.*out*.println("Java Home: "+System.*getProperty*("java.home"));**

**System.*out*.println("Java Vendor: "+System.*getProperty*("java.vendor"));**

**System.*out*.println("Java Vendor URL: "+System.*getProperty*("java.vendor.url"));**

**System.*out*.println("Java Class Path: "+System.*getProperty*("java.class.path")+"\n");**

9. // create Scanner to obtain input from command window

Scanner input = **new** Scanner(System.***in***);

**int** number1; // first number to compare

**int** number2; // second number to compare

System.***out***.print( "Input first integer: " ); // prompt

number1 = input.nextInt(); // read first number from user

System.***out***.print( "Input second integer: " ); // prompt

number2 = input.nextInt(); // read second number from user

**if** ( number1 == number2 )

System.***out***.printf( "%d == %d\n", number1, number2 );

**if** ( number1 != number2 )

System.***out***.printf( "%d != %d\n", number1, number2 );

**if** ( number1 < number2 )

System.***out***.printf( "%d < %d\n", number1, number2 );

**if** ( number1 > number2 )

System.***out***.printf( "%d > %d\n", number1, number2 );

**if** ( number1 <= number2 )

System.***out***.printf( "%d <= %d\n", number1, number2 );

**if** ( number1 >= number2 )

System.***out***.printf( "%d >= %d\n", number1, number2 );

1. Scanner in = new Scanner(System.in);

System.out.print("Please Enter Your name ");

String txt = in.nextLine();

System.out.println(txt);