1.**odd or even**

import java.util.Scanner;

class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int num=sc.nextInt();

if(num>0)

{

if(num%2==0)

{

System.out.print("even");

}else{

System.out.print("odd");

}

}

else

{

System.out.println("Negative");

}

}

}

**2.Hello and name Printer**

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String name = sc.next();

System.out.println("Hello");

System.out.println(name);

}

}

**3.Value Performance 1**

import java.util.Scanner;

public class main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int num = sc.nextInt();

double fnum = sc.nextDouble();

System.out.println(num);

System.out.printf("%.2f", fnum);

sc.close();

}

}

**4.Execute the word with a Statement**

import java.util.Scanner;

public class main{

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String a = sc.next();

System.out.println("May I know how to learn " + a + "!!!...");

sc.close();

}

}

**5.Execute the String Statement 1**

import java.util.Scanner;

public class main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String a = sc.nextLine();

System.out.println("Hai " + a + "! Welcome to Programming Language...");

sc.close();

}

}

**6.Math Functions 1**

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

float num = sc.nextFloat();

int square = sc.nextInt();

int base = sc.nextInt();

int power = sc.nextInt();

System.out.println((int)Math.floor(num));

System.out.println((int)Math.ceil(num));

System.out.println((int)Math.sqrt(square));

System.out.println((int)Math.pow(base, power));

sc.close();

}

}

**7. Salary Computation 3**

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

double basicSalary = sc.nextDouble();

double HRA, DA;

if (basicSalary < 15000) {

HRA = 0.15 \* basicSalary;

DA = 0.90 \* basicSalary;

} else {

HRA = 5000;

DA = 0.98 \* basicSalary;

}

double grossSalary = basicSalary + HRA + DA;

System.out.printf("%.2f", grossSalary);

sc.close();

}

}

**8.Eligible for Placement 1**

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String name = sc.nextLine();

int a = sc.nextInt();

int c = sc.nextInt();

System.out.println("Name of the Student:" + name);

if (a == 1 && c> 70) {

System.out.println(name + " is Eligible for Placement");

} else if ( a >= 2) && c > 75) {

System.out.println(name + " is Eligible for Placement");

} else {

System.out.println(name + " is Not Eligible for Placement");

}

sc.close();

}

}