1)import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

System.out.println("Enter a number:");

int num=sc.nextInt();

if(num>0){

if(num%2==0){

System.out.println("Even");

}else{

System.out.println("Odd");

}

}else{

System.out.println("Negative");

}

}

}

2)import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

String str="Hello";

Scanner sc=new Scanner (System.in);

String str2=sc.next();

System.out.println(str);

System.out.println(str2);

}

}

3) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int a=sc.nextInt();

float b=sc.nextFloat();

System.out.println(a);

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

}

}

4) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.next();

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

}

}

5) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner (System.in);

String s=sc.nextLine();

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

}

}

6) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc = new Scanner (System.in);

double floatVal = sc.nextDouble();

int intVal = sc.nextInt();

int baseVal = sc.nextInt();

int powerVal = sc.nextInt();

int floorValue = (int) Math.floor(floatVal);

int ceilValue = (int) Math.ceil(floatVal);

int sqrtValue = (int) Math.sqrt(intVal);

int powValue = (int) Math.pow(baseVal,powerVal);

System.out.println(floorValue);

System.out.println(ceilValue);

System.out.println(sqrtValue);

System.out.println(powValue);

}

}

7) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

double basic = sc.nextDouble();

double hra, da, gross;

if (basic < 15000) {

hra = 0.15 \* basic;

da = 0.90 \* basic;

} else {

hra = 5000;

da = 0.98 \* basic;

}

gross = basic + hra + da;

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

}

}

8) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String str=sc.next();

int arr=sc.nextInt();

int cgpa=sc.nextInt();

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

if(cgpa>70 && arr<=1){

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

}else if(cgpa>75 && arr<=2){

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

}else{

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

}

}

}

10) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

float value = sc.nextFloat();

System.out.printf("%.6f\n",value);

System.out.println(String.format("%.4f", value));

System.out.println(String.format("%.2f", value));

System.out.println(Math.round(value));

}

}