PROGRAM - 1

import java.util.Scanner;

class Main {

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

System.out.print("enter a num :");

int a = s.nextInt();

if(a>0){

if(a%2==0){

System.out.println("Even");

}else{

System.out.println("Odd");

}

}

}

}

PROGRAM - 2

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

String a = s.nextLine();

System.out.println("Hello");

System.out.println(a);

}

}

PROGRAM - 3

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

int a = s.nextInt();

System.out.println(a);

float b = s.nextFloat();

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

}

}

PROGRAM - 4

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

String a = s.next();

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

}

}

PROGRAM - 5

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

String a = s.nextLine();

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

}

}

PROGRAM - 6

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

float a = s.nextFloat();

int b = s.nextInt();

int c = s.nextInt();

int d = s.nextInt();

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

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

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

System.out.println((int)Math.pow(c,d));

}

}

PROGRAM - 7

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

float a = s.nextFloat();

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

System.out.printf("%.4f\n", a);

System.out.printf("%.2f\n", a);

System.out.printf("%.0f\n", a);

}

}

PROGRAM - 8

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

int a = s.nextInt();

int b = s.nextInt();

int c = s.nextInt();

int d = s.nextInt();

float e = (float)(a+c)/2;

float f = (float)(b+d)/2;

System.out.printf("Binoy's house is located at ("+e+","+f+")");

}

}

PROGRAM - 9

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

int basic = s.nextInt();

if(basic<15000){

float hra= (basic\*15)/100;

float da= (basic\*90)/100;

float g=basic+hra+da;

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

}else{

if(basic>=1500){

float hra = 5000;

float da= (basic\*98)/100;

float g=basic+hra+da;

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

}

}

}

}

PROGRAM - 10

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. \*/

Scanner s = new Scanner(System.in);

String n = s.nextLine();

int a = s.nextInt();

int c = s.nextInt();

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

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

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

}else{

if(a==1||a==2 && c>75){

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

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

}else{

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

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

}

}

}

}

PROGRAM - 11

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int bal = s.nextInt();

int choice = s.nextInt();

switch (choice) {

case 1:

int dep = s.nextInt();

bal += dep;

System.out.println(bal);

break;

case 2:

int wa = s.nextInt();

if (wa > bal) {

System.out.println("Insufficient Balance");

} else {

bal -= wa;

System.out.println(bal);

}

break;

default:

System.out.println("Invalid Input");

}

}

}

PROGRAM - 12

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

char ch = s.next().charAt(0);

if(ch == 'A' || ch == 'E' || ch == 'I' || ch == 'O' || ch == 'U' ||

ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u'){

System.out.println("The Character "+ch+" is Vowel");

}else {

System.out.println("The Character "+ch+" is Consonant");

}

}

}

PROGRAM - 13

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

String name = s.nextLine();

int m1 = s.nextInt();

int m2 = s.nextInt();

int m3 = s.nextInt();

int m4 = s.nextInt();

int m5 = s.nextInt();

int tot = m1+m2+m3+m4+m5;

float avg = (float)tot/5;

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

System.out.println("Total Mark:" + tot);

System.out.printf("Average Mark:%.1f\n", avg);

if (avg == 100) {

System.out.println("Grade Mark:S");

} else if (avg >= 90) {

System.out.println("Grade Mark:A");

} else if (avg >= 80) {

System.out.println("Grade Mark:B");

} else if (avg >= 70) {

System.out.println("Grade Mark:C");

} else if (avg >= 60) {

System.out.println("Grade Mark:D");

} else if (avg >= 50) {

System.out.println("Grade Mark:E");

} else {

System.out.println("Grade Mark:Fail");

}

}

}