**1.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);

}

}

**2. 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();

}

}

**3. 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();

}

}

**4. 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();

}

}

**5. 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();

}

}

**6. Float Formation 1**

import java.util.Scanner;

public class DecimalDigits {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

float input = scanner.nextFloat();

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

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

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

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

}

}

**7. THREE IDIOTS 2**

import java.util.Scanner;

public class MidPointFinder {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int x1 = scanner.nextInt();

int y1 = scanner.nextInt();

int x2 = scanner.nextInt();

int y2 = scanner.nextInt();

double midX = (x1 + x2) / 2.0;

double midY = (y1 + y2) / 2.0;

System.out.printf("Binoy's house is located at (%.1f,%.1f)\n", midX, midY);

}

}

**8. PROFIT CALCULATOR 1**

import java.util.Scanner;

public class Solution {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int x = scanner.nextInt();

int a = scanner.nextInt();

int b = scanner.nextInt();

double profit = (x \* (a - b)) - 100;

System.out.println("Number of copies sold:" + x);

System.out.println("Cost of each copy:" + a);

System.out.println("Cost spent by agency on each newspaper:" + b);

System.out.printf("The profit obtained is Rs.%.2f\n", profit);

}

}

**9. Salary Computation 3**

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int basic = sc.nextInt();

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);

sc.close();

}

}

**10. Eligible for Placement 1**

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

String a = s.nextLine();

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

int b = s.nextInt();

int c = s.nextInt();

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

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

}

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

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

} else {

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

}

}

}

**11. Account Balance 3**

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int balance = sc.nextInt();

int choice = sc.nextInt();

int amount;

switch (choice) {

case 1:

amount = sc.nextInt();

balance += amount;

System.out.println(balance);

break;

case 2:

amount = sc.nextInt();

if (amount > balance) {

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

} else {

balance -= amount;

System.out.println(balance);

}

break;

default:

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

}

sc.close();

}

}