**1.Hello world program:**

import java.lang.\*;

public class Main{

public static void main(String[] args) {

System.out.println("Hello World");

}

}

**2.Addition of 2 no:**

import java.util.\*;

public class Main{

public static void main(String[] args){

int a,b,c;

Scanner sc=new Scanner(System.in);

System.out.println("Enter 2 no");

a=sc.nextInt();

b=sc.nextInt();

c=a+b;

System.out.println("Addition="+c);

}

}

**3.Multiplication of 4 no:**

import java.util.\*;

public class Main{

public static void main(String[] args){

int a,b,c,d,e;

Scanner sc=new Scanner(System.in);

System.out.println("Enter 4 no");

a=sc.nextInt();

b=sc.nextInt();

c=sc.nextInt();

d=sc.nextInt();

e=a\*b\*c\*d;

System.out.println("Multiplication="+e);

}

}

**4.Addition of 7 no:**

import java.util.\*;

public class Main{

public static void main(String[] args){

int a,b,c,d,e,f,g,h;

Scanner sc=new Scanner(System.in);

System.out.println("Enter 7 no");

a=sc.nextInt();

b=sc.nextInt();

c=sc.nextInt();

d=sc.nextInt();

e=sc.nextInt();

f=sc.nextInt();

g=sc.nextInt();

h=a+b+c+d+e+f+g;

System.out.println("add="+h);

}

}

**5.Subtraction 3 numbers:**

import java.util.\*;

public class Hello3 {

    public static void main(String []args){

    int a,b,c,d;

    System.out.println("Enter 3 numbers");

    Scanner sc=new Scanner(System.in);

    a=sc.nextInt();

    b=sc.nextInt();

    c=sc.nextInt();

    d=a-b-c;

    System.out.println("Sub="+d);

    }

}

**6.Area of circle:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double A,r;

Scanner sc=new Scanner(System.in);

System.out.println("Enter r");

r=sc.nextDouble();

A=3.14\*r\*r;

System.out.println("Area="+A);

}

}

**7.Area of triangle:**

import java.util.\*;

public class Main{

public static void main(String[] args){

double a,b,h;

Scanner sc=new Scanner(System.in);

System.out.println("Enter the b & h : ");

b=sc.nextDouble();

h=sc.nextDouble();

a=0.5\*b\*h;

System.out.println("Area of Triangle="+a);

}

}

**8.Kinetic Energy:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double m,v,ke;

Scanner sc=new Scanner(System.in);

System.out.println("Enter m & v");

m=sc.nextDouble();

v=sc.nextDouble();

ke=0.5\*m\*v\*v;

System.out.println("kinetic energy="+ke);

}

}

**9.Arithmatic mean and harmonic mean:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

double a,b,hm,am;

Scnner sc=new Scanner(System.in);

System.out.main println("Enter 2 no");

a=sc.nextDouble();

b=sc.nextDouble();

am=a+b/2;

hm=a-b/2;

System.out.println("arith="+am);

system.out.println("harmonic="+hm);

}

}

**10.Area of rectangle:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double l,b,A;

Scanner sc=new Scanner(System.in);

System.out.println("Enter l & b");

l=sc.nextDouble();

b=sc.nextDouble();

A=l\*b;

System.out.println("Area of rectangle="+A);

}

}

**11.Potentail Energy:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double m,g,h,PE;

Scanner sc=new Scanner(System.in);

System.out.println("Enter m & g & h");

m=sc.nextDouble();

g=sc.nextDouble();

h=sc.nextDouble();

PE=m\*g\*h;

System.out.println("Potential Energy="+PE);

}

}

**12.Surface Area:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double r,h,A,v;

Scanner sc=new Scanner(System.in);

System.out.println("Enter r & h");

r=sc.nextDouble();

h=sc.nextDouble();

A= (2\*3.14\*r\*r)+(2\*3.14\*r\*h);

v= 3.14\*r\*r\*h;

System.out.println("Area="+A);

System.out.println("v="+v);

}

}

**13.To find velocity and distance:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double a,t,u,v,s;

Scanner sc=new Scanner(System.in);

System.out.println("Enter r & h");

a=sc.nextDouble();

t=sc.nextDouble();

u=sc.nextDouble();

v=u+(a+t);

s=u+(a\*t\*t);

System.out.println("V="+v);

System.out.println("S="+s);

}

}

**14.To find temperature and kilvin:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double f,c,k;

Scanner sc=new Scanner(System.in);

System.out.println("Enter f : " );

f=sc.nextDouble();

c=(9/5)\*(f-32);

k=c+273.15;

System.out.println("C="+c);

System.out.println("K="+k);

}

}

**15.To find area & perimeter of ring:**

import java.util.\*;

public class Main{

public static void main(String[]args) {

double a,b,P,A;

Scanner sc=new Scanner(System.in);

System.out.println("Enter f : " );

a=sc.nextDouble();

b=sc.nextDouble();

P=2\*3.14\*(a+b);

A=2\*3.14\*(a-b)\*(a-b);

System.out.println("P="+P);

System.out.println("A="+A);

}

}

**16.SA & volum od cuboid:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double l,b,h,sa,v;

Scanner sc=new Scanner(System.in);

System.out.println("Enter l & b & h : " );

l=sc.nextDouble();

b=sc.nextDouble();

h=sc.nextDouble();

sa=2\*(l\*b\*h+b\*h);

v=l\*b\*h;

System.out.println("SA="+sa);

System.out.println("V="+v);

}

}

**17.Calculate total & percentage:**

import java.util.\*;

public class Main{

public static void main(String[]args){

double m1,m2,m3,m4,m5,total,per;

Scanner sc=new Scanner(System.in);

System.out.println("Enter m1 & m2 & m3 & m4 & m5 : " );

m1=sc.nextDouble();

m2=sc.nextDouble();

m3=sc.nextDouble();

m4=sc.nextDouble();

m5=sc.nextDouble();

total=m1+m2+m3+m4+m5;

per=total/5;

System.out.println("Total="+total);

System.out.println("Percentage="+per);

}

}

**18**.**Addition and subtraction:**

import java.util.\*;

public class Main{

public static void main(String[] args){

int a,b,add,sub;

Scanner sc=new Scanner(System.in);

System.out.println("Enter 2 no");

a=sc.nextInt();

b=sc.nextInt();

add=a+b;

sub=a-b;

System.out.println("Addition="+add);

System.out.println("subtraction="+sub);

}

}

**19.Multiplication and division:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

int a,b,multi,div;

Scanner sc=new Scanner(System.in);

System.out.println("Enter 2 no");

a=sc.nextInt();

b=sc.nextInt();

multi=a\*b;

div=a/b;

System.out.println("Multi="+multi);

System.out.println("Div="+div);

}

}

**20.Square and cube:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

int n,sq, qu;

Scanner s = new Scanner(System.in);

System.out.println("Enter n");

n=s.nextInt();

sq=n\*n;

qu=n\*n\*n;

System.out.println("Square:"+sq);

System.out.println("Qube:"+qu);

}

}

**21.Find the square root of given numbers:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

int num;

float sq, temp;

Scanner s = new Scanner(System.in);

System.out.println("Enter a number to get the square root");

num=s.nextInt();

sq = num / 2;

temp = 0;

temp = sq;

sq = ( num / temp + temp) / 2;

System.out.println("The square root of:"+num);

System.out.println(+sq);

}

}

**22.Find the area and perimeter of square:**

import java.util.\*;

public class Main{

public static void main(String[] args){

double P,PS,a;

Scanner sc=new Scanner(System.in);

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

a=sc.nextDouble();

P=a+a+a+a;

PS=a\*4;

System.out.println("Area="+P);

System.out.println("square="+P);

}

}

**23.Area and circumference of circle:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

double r,A,C;

Scanner sc=new Scanner(System.in);

System.out.println("Enter r");

r=sc.nextDouble();

A=3.14\*r\*r;

C=2\*3.14\*r;

System.out.println("Area="+A);

System.out.println("cirumference="+C);

}

}

**24.Area of sphere:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

double r,A;

Scanner sc=new Scanner(System.in);

System.out.println("Enter r");

r=sc.nextDouble();

A=4\*3.14\*r\*r;

System.out.println("Sphere="+A);

}

}

**25.Find the volume of cylinder:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

double r,h,V;

Scanner sc=new Scanner(System.in);

System.out.println("Enter r & h");

r=sc.nextDouble();

h=sc.nextDouble();

V=3.14\*r\*r\*h;

System.out.println("volume="+V);

}

}

**26.Find the your age in days:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

int age,days;

Scanner sc=new Scanner(System.in);

System.out.println("Enter age");

age=sc.nextDouble();

days=(age\*365)(age/4);

System.out.println("Days="+days);

}

}

**27.Find the simple interest and compound interest:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

double p,r,t,si, ci,amt;

Scanner sc=new Scanner(System.in);

System.out.println("Enter p,r,t");

p=sc.nextDouble();

r=sc.nextDouble();

t=sc.nextDouble();

amt=sc.nextDouble();

si=(p\*r\*t)/100;

ci=amt-p;

System.out.println("Simple intrest="+si);

System.out.println("Compound intrest="+ci);

}

}

**28.The total mechanical energy of particles:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

float m,g,h,v,e;

Scanner sc=new Scanner(System.in);

System.out.println("Enter m,g,h,v");

m=sc.nextFloat();

g=sc.nextFloat();

h=sc.nextFloat();

v=sc.nextFloat();

e=m\*g\*h+(1/2)\*m\*v\*v;

System.out.println("V="+v);

}

}

**29.To convert the given second into hours-minutes-second :**

import java.util.\*;

public class Main{

public static void main(String[] args) {

float h,m,sc,sec;

Scanner s = new Scanner(System.in);

System.out.println("Enter sec:");

sec=s.nextFloat();

h=sec/3600;

m=sec/60;

sc=sec%60;

sec=sec%3600;

System.out.println("h:"+h);

System.out.println("m:"+m);

System.out.println("s:"+sc);

System.out.println("s:"+sec);

}

}

**30.Calculate the gain for the milk vendor:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

double milk,sp,profit;

Scanner sc=new Scanner(System.in);

System.out.println("Enter milk : ");

milk=sc.nextDouble();

sp=(milk\*3.25);

profit=(milk+(milk/4))\*4.15-sp;

System.out.println("Profit="+profit);

}

}

**31.Convert into Celsius:**

import java.util.\*;

public class Main {

public static void main(String []args){

int f;

double c;

Scanner s = new Scanner(System.in);

System.out.println("Enter temperature in Fahrenheit: ");

f=s.nextInt();

c=(f-32)\*5/9;

System.out.println("Temperature in Celsius="+c);

}

}

**32.Coordinate numbers:**

import java.util.\*;

public class Main{

    public static void main(String[] args) {

       double x1,x2,y1,y2,D,a;

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter coordintate : ");

       x1=sc.nextDouble();

       x2=sc.nextDouble();

       y1=sc.nextDouble();

       y2=sc.nextDouble();

       a=(x2-x1)+(y2-y1);

       D=Math.sqrt(a);u

               System.out.println("D="+D);

    }

}

**33.Calculate Gross salary:**

import java.util.\*;

public class Main{

    public static void main(String[] args) {

       double bs,gs,hra,da;

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter salary: ");

       bs=sc.nextDouble();

       gs=bs+hra+da;

       hr=bs\*0.20;

       da=bs\*0.40;

        System.out.println("hra="+hra+"da="+da+"gs="+gs+"bs="+bs);

    }

}

**34. Distance between two cities:**

import java.util.\*;

public class Main{

public static void main(String[] args) {

double km,m,cm;

System.out.println("Eneter distance between two cities km : ");

Scanner sc=new Scanner(System.in);

km=sc.nextDouble();

m=km\*1000;

cm=m\*100;

System.out.println("Total meter =" +m);

System.out.println("Toatal Cm =" +cm);

}

}

**35.dollers convert into rupees :**

import java.util.\*;

class Main{

public static void main(String[] args) {

double d,rs;

Scanner sc=new Scanner(System.in);

System.out.println("D");

d=sc.nextDouble();

rs=d\*83.56;

System.out.println("rs="+d);

}

}

**36.Address:**

import java.util.\*;

class Main{

public static void main(String[] args) {

String name;

Scanner sc=new Scanner(System.in);

System.out.println("Name");

name=sc.nextLine();

System.out.println("name="+name);

}

}

**37.Aera of triangle if three sides given:**

Import java.util.\*;

public class Main{

public static void main(String[] args) {

double b,h,A;

System.out.println("Eneter the b & h : ");

Scanner sc=new Scanner(System.in);

b=sc.nextDouble();

h=sc.nextDouble();

A=(h\*b/2);

System.out.println("Area of Triangle=" +A);

}

}

**38.Revers numbers :**

import java.util.\*;

public class Main{

public static void main(String[] args){

int n,a,b,c;

Scanner sc=new Scanner(System.in);

System.out.println("enter n");

n=sc.nextInt();

a=n%10;

n=n/10;

b=n%10;

n=n/10;

c=n%10;

n=n/10;

System.out.println(a+""+""+b+""+""+c+""+""+n);

}

}

**39.Area of trianglr if three sides are given:**

import java.util.\*;

public class Hello {

public static void main(String[]args){

    int a,b,c,sp, Area;

    Scanner sc=new Scanner(System.in);

System.out.println("Enter values");

a=sc.nextInt();

b=sc.nextInt();

c=sc.nextInt();

sp=(a+b+c)/2;

Area=(sp\*(sp-a)\*(sp-b)\*(sp-c));

System.out.println("Sp="+sp);

System.out.println("Area="+Area);

}

}

**40.Display the total,avg,class:**

import java.util.\*;

public class Hello {

public static void main(String[]args){

    int m1,m2,m3,total,avg;

    Scanner sc=new Scanner(System.in);

System.out.println("Enter Marks");

m1=sc.nextInt();

m2=sc.nextInt();

m3=sc.nextInt();

total=m1+m2+m3;

avg=total/3;

System.out.println("Total="+total);

System.out.println("Avg="+avg);

}

}