public class Sum{

public static void main(String [] args)

{

int a=50;

int b=70;

int c=a+b;

System.out.println("the sum of a and b is"+c);

}

}

public class vol{

public static void main(String [] args)

{

double pi =3.14;

double r=5.0;

double v=(4.0/3.0)\*pi\*r\*r\*r;

System.out.println("the volume of sphere"+v);

}

}

public class area{

public static void main(String [] args)

{

int l=10;

int b=5;

int h=2;

int A=2\*(l+b)\*h;

System.out.println("the area of 4 walls is"+A);

}

}

public class areavol {

public static void main(String [] args)

{

int l=10;

int b=5;

int h=2;

int TSA=(2\*l\*b)+(2\*l\*h)+(2\*h\*b);

int V=l\*b\*h;

System.out.println("the total surface area of volume "+ TSA);

System.out.println("the volume of cuboid "+ V);

}

}

public class TSAcube{

public static void main(String [] args)

{

int l=10;

int TSA=6\*l\*l;

System.out.println("the total surface area of cube is"+TSA);

}

}

public class arearectangle{

public static void main(String [] args)

{

int l=10;

int b=5;

int A=l\*b;

System.out.println("the area of rectangle"+A);

}

}

public class circumference{

public static void main(String [] args)

{

double pi=3.14;

double r=4.0;

double C=2\*pi\*r;

System.out.println("the circumference of circle is"+C);

}

}

public class AreaTriangle3 {

public static void main(String [] args)

{

int a=3;

int b=4;

int c=5;

int s=(a+b+c)/2;

double t=s\*(s-a)\*(s-b)\*(s-c);

double at=(1.0/2.0)\*t\*t;

System.out.println("The area of triangle when 3 sides are given is " +at);

}

}

public class areacircumference{

public static void main(String [] args)

{

double pi=3.14;

double r=4.0;

double C=2\*pi\*r;

double A=pi\*r\*r;

System.out.println("the circumference of circle is"+C);

System.out.println("the area of circle is"+A);

}

}

import java.util.Scanner;

public class KMintoM{

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

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

int a= x.nextInt();

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

int b= x.nextInt();

int c=a+b;

System.out.println("the sum of a and b is "+c);

}

}

import java.util.Scanner;

public class KMintoMiles {

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

System.out.println("Enter the distance in kilometer");

int km=x.nextInt();

double m=km\*0.62;

System.out.println("The distance in miles is " +m);

}

}

public class potential{

public static void main(String [] args)

{

double m=10;

double g= 9.8;

double h=2;

double U=m\*g\*h;

System.out.println("the potential energy oa body is"+U);

}

}

public class PerimeterRect {

public static void main(String [] args)

{

double l=12.2;

double b=5.0;

double p=2.0\*(l+b);

System.out.println("The perimeter of rectangle is " +p);

}

}

public class SI {

public static void main(String [] args)

{

int p=1000;

int r=7;

int t=5;

double si=(p\*r\*t)/100.0;

System.out.println("The simple interest is " +si);

}

}

import java.util.Scanner;

public class SIAmount {

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

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

int p=x.nextInt();

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

int r=x.nextInt();

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

int t=x.nextInt();

double si=(p\*r\*t)/100.0;

double a=p+si;

System.out.println("The simple interest is " +si);

System.out.println("The total amount is " +a);

}

}

import java.util.Scanner;

public class KGintoG {

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

System.out.println("Enter value in kilograms");

int kg=x.nextInt();

int g=kg\*1000;

System.out.println("The value in grams is " +g);

}

}

public class TSAVolumeSphere {

public static void main(String [] args)

{

double pi=3.14;

int r=8;

double tsa=4.0\*pi\*r\*r;

double v=(4.0/3.0)\*pi\*r\*r\*r;

System.out.println("The total surface area of sphere is " +tsa);

System.out.println("The volume of sphere is " +v);

}

}

public class TSAcuboid {

public static void main(String [] args)

{

int l=10;

int b=6;

int h=2;

int tsa=(2\*l\*b)+(2\*b\*h)+(2\*l\*h);

System.out.println("The total surface area of cuboid/box is " +tsa);

}

}

public class Distance {

public static void main(String [] args)

{

double u=7;

int t=6;

int a=8;

double s=(u\*t)+(1.0/2.0)\*a\*t\*t;

System.out.println("The total distance is " +s);

}

}

public class AreaSquare {

public static void main(String [] args)

{

int l=8;

int a=l\*l;

System.out.println("The area of square is " +a);

}

}

import java.util.Scanner;

public class SumNatural {

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

System.out.println("Enter a number 'n'");

int n=x.nextInt();

int s=n\*(n+1)/2;

System.out.println("The sum of first n natural numbers is " +s);

}

}

public class TSAhemisphere{

public static void main(String [] args)

{

double pi=3.14;

int r=7;

double tsa=3.0\*pi\*r\*r;

System.out.println("The total surface area of hemisphere is " +tsa);

}

}

public class AreaCircle {

public static void main(String [] args)

{

double pi=3.14;

int r=5;

double a=pi\*r\*r;

System.out.println("The area of circle is " +a);

}

}

public class TSAVolCylinder{

public static void main(String [] args)

{

double pi=3.14;

int r=4;

double h=7.5;

double tsa=2.0\*pi\*r\*(h+r);

double v=pi\*r\*r\*h;

System.out.println("The total surface area of cylinder is " +tsa);

System.out.println("The volume of cylinder is " +v);

}

}

public class AreaTriangle {

public static void main(String [] args)

{

int b=6;

int h=8;

double a=(1.0/2.0)\*b\*h;

System.out.println("The area of triangle is " +a);

}

}

public class VolCube {

public static void main(String [] args)

{

int l=5;

int v=l\*l\*l;

System.out.println("The volume of cube is " +v);

}

}

public class PerimeterSquare {

public static void main(String [] args)

{

int l=8;

int p=4\*l;

System.out.println("The perimeter of square is " +p);

}

}

public class AreaParallelogram {

public static void main(String [] args)

{

int b=5;

int h=6;

int a=b\*h;

System.out.println("The area of parallelogram is " +a);

}

}

public class TSAVolume {

public static void main(String [] args)

{

int l=8;

int b=4;

int h=2;

int tsa=(2\*l\*b)+(2\*b\*h)+(2\*l\*h);

int v=l\*b\*h;

System.out.println("The total surface area of cuboid is " +tsa);

System.out.println("The volume of cuboid is " +v);

}

}

import java.util.Scanner;

public class MintoInch {

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

System.out.println("Enter the value in meter");

int m=x.nextInt();

double i=m\*39.37;

System.out.println("The value in inches is " +i);

}

}

public class TSAVolHemi{

public static void main(String [] args)

{

double pi=3.14;

double r= 3.5;

double tsa=3.0\*pi\*r\*r;

double v=(2.0/3.0)\*pi\*r\*r\*r;

System.out.println("The total surface area of hemisphere is " +tsa);

System.out.println("The volume of hemisphere is " +v);

}

}

import java.util.Scanner;

public class PaisaintoRs {

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

System.out.println("Enter the amount in paisa");

int p=x.nextInt();

double rs=p/100.0;

System.out.println("The amount in rupees is " +rs);

}

}

import java.util.Scanner;

public class profitorlosspercentage {

public static void main(String [] args){

double CP,SP,profit,loss,Profitpercent,Losspercent;

Scanner input= new Scanner(System.in); System.out.println("Enter the cost price");

CP = input.nextDouble();

System.out.println("Enter the selling price");

SP= input.nextDouble();

if(CP>SP){ loss= CP-SP;

Losspercent= (loss/CP)\*100; System.out.println("Loss=" +loss);

System.out.println("Loss percentage=" +Losspercent);

} else if(SP>CP){ profit= SP-CP;

Profitpercent= (profit/CP)\*100;

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

System.out.println("Profit percentage=" +Profitpercent);

} else System.out.println("There is neither profit nor loss");

}

}

import java.util.Scanner;

public class totalcost{

public static void main(String [] args)

{

{

System.out.println(" Enter the quantity of pen ");

Scanner input= new Scanner(System.in);

int pen= input.nextInt();

System.out.println(" The quantity of pen is " +pen );

System.out.println(" Enter the rate of pen");

Scanner input1= new Scanner(System.in);

int pen\_rate= input1.nextInt();

System.out.println(" The rate of pen is " +pen\_rate );

int amount1= pen\*pen\_rate;

System.out.println(" The total amount of pen is " +amount1 );

System.out.println(" Enter the quantity of copy ");

Scanner quantity = new Scanner(System.in);

int copy= quantity.nextInt();

System.out.println(" The quantity of copy is " +copy );

System.out.println(" Enter the rate of copy ");

Scanner input2= new Scanner(System.in);

int copy\_rate= input2.nextInt();

System.out.println(" The rate of copy is " +copy\_rate );

int amount2= copy\*copy\_rate;

System.out.println(" The total amount of copy is " +amount2 );

System.out.println(" Enter the quantity of pencil ");

Scanner quan= new Scanner(System.in);

int pencil= quan.nextInt();

System.out.println(" The quantity of pencil is " +pencil );

System.out.println(" Enter the rate of pencil ");

Scanner input3= new Scanner(System.in);

int pencil\_rate= input3.nextInt();

System.out.println(" The rate of pencil is " +pencil\_rate );

int amount3= pencil\*pencil\_rate;

System.out.println(" The total amount of pencil is " +amount3 );

int c = amount1+amount2+amount3;

System.out.println(" The total amount of the stationary item is " +c );

}

}

}

import java.util.Scanner;

public class Amount {

public static void main(String [] args)

{

Scanner x=new Scanner(System.in);

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

int p=x.nextInt();

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

int r=x.nextInt();

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

int t=x.nextInt();

double i=(p\*r\*t)/100.0;

double a=p+i;

System.out.println("The total amount is " +a);

}

}

public class AreaPeriRect {

public static void main(String [] args)

{

int l=5;

int b=3;

int a=l\*b;

int p=2\*(l+b);

System.out.println("The area of rectangle is " +a);

System.out.println("The perimeter of rectangle is " +p);

}

}

public class input{

public static void main(String[]args){

String fname="Eliza";

String lname="Shrestha";

String name =fname+" "+lname;

System.out.println("My name is "+name);

}

}

import java.util.Scanner;

public class passorfail{ public static void main(String [] args) {

Scanner input= new Scanner(System.in);

byte s1,s2,s3,s4;

float ave;

System.out.println("Enter the Physics marks:");

s1= input.nextByte();

System.out.println("Enter the Chemistry marks:");

s2= input.nextByte();

System.out.println("Enter the Biology marks:");

s3= input.nextByte(); System.out.println("Enter the Mathematics marks:");

s4= input.nextByte(); ave=s1+s2+s3+s3+s4/4.0f;

if(ave>=30 && s1>=30 && s2>=30 && s3>=30 && s4>=30) {

System.out.println("Pass");

} else{ System.out.println("Fail");

}

}

}