```java
public class AreaCircumferenceOfCircle{
    public static void main (String[]args){
        double Area,Circumference,pi,r;
        r=10;
        pi=3.14;
        Area=pi*r*r;
        Circumference=2*pi*r;
        System.out.println("Area of Circle is:"+Area);
        System.out.println("Circumference of Circle:"+Circumference);
        }
}
```

```
Area of Circle is:314.0
Circumference of Circle:62.800000000000004
```

```java
public class AreaOfParallelogram{
    public static void main (String []args){
        int Area,b,h;
        b=8;
        h=9;
        Area=b*h;
        System.out.println("Area of parallelogram is :"+Area);
    }
}
```

```
Area of parallelogram is :72
```

```
public class AreaOfFourWalls{
    public static void main (String[]args){
        int l=2,b=3,h=5;
        int area = 2*(l+b)*h;
        System.out.println("Area of four wall is :"+ area);
         }
}
```

```
Area of four wall is :50
```

```java
public class AreaOfRectangle{
    public static void main (String []args){
        int Area,l,b;
        l=20;
        b=8;
        Area=l*b;
        System.out.println("Area of Rectangle is :"+ Area);
        }
}
```

```
Area of Rectangle is :160
```

```java
public class parallelogram{
    public static void main(String args[])  {
   int base=4;
    int height=18;
    int area_parallelogram=base*height;
    System.out.println("Area of the parallelogram="+area_parallelogram);
     }
}
```

```
Area of the parallelogram=72
```

```java
public class AreaOfTriangle{
    public static void main (String[]args){
        double Area,b,h;
        b=5;
        h=10;
        Area=1/2*b*h;
        System.out.println("Area of Triangle is :"+Area);
    }
    }
```

```java
public class Arearectangle{
    public static void main(String args[]) {
    int width=15;
    int height=16;
    int area=width*height;
        System.out.println("Area of rectangle="+area);
     }
}
```

```
Area of rectangle=240
```

```java
public class AreaOfSquare{
    public static void main (String []args){
        int Area,a;
        a=12;
        Area=a*a;
        System.out.println("Area of Square is :"+Area);
    }
}
```

```
Area of Square is :144
```

```java
public class CircumferenceOfCircle{
    public static void main (String []args){
        double Circumference,pi,r;
        r=10;
        pi=3.14;
        Circumference = 2*pi*r;
        System.out.println("Circumference of Circle is :"+Circumference);
    }
}
```

```
Circumference of Circle is :62.800000000000004
```

```java
import java.util.Scanner;

public class ConvertDistanceMeter{
    public static void main (String [] args ){
        Scanner sc=new Scanner (System.in);
        System.out.print("Enter distance in metre :");
        double meter =sc.nextDouble();
        double km=meter/100;
        System.out.println("The distance in km and meter is "+km);
         }
}
```

```
Enter distance in metre :2000
The distance in km and meter is 20.0
```

```java
public class PerimeterOfRectangle{
    public static void main (String[]args){
        int Perimeter,l,b;
        l=5;
        b=7;
        Perimeter=2*(l+b);
        System.out.println("Perimeter of Rectangle is :"+Perimeter);
        }
}
```

Options

```
Perimeter of Rectangle is :24
```

```java
public class PerimeterOfRectangle {
    public static void main (String args[])  {
        float a ,b, c, d, perimeter;
         a=c= 5;
         b=d=4;
         perimeter  = 2*(a+b);
         System.out.println("Perimeter of Rectangle is: "+perimeter);
     }
}
```

```
Perimeter of Rectangle is: 18.0
```

```java
public class PerimeterOfRectangle{
    public static void main (String[]args){
        int Perimeter,l,b;
        l=5;
        b=7;
        Perimeter=2*(l+b);
        System.out.println("Perimeter of Rectangle is :"+Perimeter);
        }
}
```

Options

```
Perimeter of Rectangle is :24
```

```
public class PotentialEnergy{
    public static void main (String[]args){
        double PotentialEnergy,M ,G ,H;
        M=100;
        G=9.8;
        H=20;
        PotentialEnergy=M*G*H;
        System.out.println("PotentialEnergy is :"+PotentialEnergy);
        }
}
```

```
PotentialEnergy is :19600.000000000004
```

```java
import java.util.*;
class profit_loss
{
    public static void main (String []args)
    {
        int cp,sp,pa,la;
        Scanner sc=new Scanner (System.in);
        System .out.print("Enter the cost price :");
        cp=sc.nextInt();
        System.out.print("Enter the selling Price :");
        sp=sc.nextInt();
        if (sp>cp)
        {
            pa=sp-cp;
            System.out.println("The profit amount is :"+pa);
        }
        else if (sp<cp)
        {
            la=cp-sp;
            System.out.println("The loss amount is :"+la);
        }
        else
        {
           System.out.print(" Not profit Not Loss ");
        }
        }
        }
```

```
Enter the cost price :50
Enter the selling Price :60
The profit amount is :10
Enter the cost price :50
Enter the selling Price :40
The loss amount is :10
```

```java
import java.util.Scanner;
public class PassFail {

 public static void main(String[] args) {
  int num;
  Scanner reader = new Scanner(System.in);
  System.out.println("Enter score: ");
  num = reader.nextInt();

  if (num>=50)
  {
   System.out.println("Pass!");
  }
  else
   System.out.println("Fail!");
 }

}
```

```
Enter score:
60
Pass!
Enter score:
20
Fail!
```

```java
import java.util.Scanner;

public class SimpleInterest{
    public static void main (String []args){
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter Principal,rate and time:");
        double p=sc.nextDouble();
        double rate=sc.nextDouble();
        double time=sc.nextDouble();
        double si=(p*rate*time)/100;
        double amnt=p+si;
        System.out.println("The simple interest is "+si+"and the total amount is "+amnt);
    }
}
```

```
Enter Principal,rate and time:
50
5
3
The simple interest is 7.5and the total amount is 57.5
```

```java
public class TSAOfCube{
    public static void main(String[]args){
        int TSA,l,b,h;
        l=5;
        b=4;
        h=8;
        TSA=l*b*h;
        System.out.println("TSA of Cuboid is:"+ TSA);
    }
}
```

```
TSA of Cuboid is:160
```

```java
public class VolumeOfCuboid{
    public static void main (String [] args){
        int Vol,TSA,l,b,h;
         l=4;
         b=8;
         h=12;
        Vol=l*b*h;
        TSA=2*(l*b+b*h+l*h);
        System.out.println(" Volume Of Cuboid is :"+Vol);
        System.out.println(" TSA Of Cuboid is :"+TSA);
    }
}
```

```
Volume Of Cuboid is :384
TSA Of Cuboid is :352
```

```java
public class SimpleInterest  {
    public static void main (String args[])  {
        float p, r,  t,  si;
              p = 13000;  r = 12; t = 2;
              si  = (p*r*t)/100;
              System.out.println("Simple Interest is: " +si);
     }
}
```

```
Simple Interest is: 3120.0
```

```java
import java.util.Scanner;
public class TotalSurfaceAreaOfCuboid {

    public static void main(String args[]) {
Scanner s= new Scanner(System.in);
System.out.println("Enter the length of Cubiod:");
double l=s.nextDouble();

System.out.println("Enter the breadth of Cubiod:");
double b=s.nextDouble();

System.out.println("Enter height of Cubiod:");
double h=s.nextDouble();

double  area=(2*((l*b)+(b*h)+(h*l)));

System.out.println("Total Surface Area of Cuboid is:" +area);

    }
}
```

```
Enter the length of Cubiod:
10
Enter the breadth of Cubiod:
20
Enter height of Cubiod:
30
Total Surface area of Cuboid is:2200.0
```

```java
public class TSAofsphere{
    public static void main (String[]args){
        double TSA,pi,r;
        pi=3.14;
        r=50;
        TSA=4*3.14*r*r;
        System.out.println("TSA of Sphere is :"+TSA);
        }
}
```

```
TSA of Sphere is :31400.0
```

```
public class TSAandVolumeofHemisphere{
    public static void main(String [] args){
        double Volume,TSA,pi,r;
        r=90;
        pi=3.14;
        Volume=2/3*pi*(r*r*r);
        TSA=3*pi*(r*r);
        System.out.println("Volume of Hemisphere is :"+Volume);
        System.out.println("TSA of Hemisphere is :"+TSA);
        }
}
```

```
TSA of Hemisphere is :76302.0
```

```
public class VolumeOfSphere{
    public static void main(String[]args){
        double vol,pi,r;
        r=50;
        pi=3.14;
        vol=(4/3)*pi*(r*r*r);
        System.out.println("Volume of Sphere is :"+vol);
    }
        }
```

Options

```
Volume of Sphere is :392500.0
```

```java
public class Volumeofsphere{
      public static void main(String args[]) {
    int radius=48;
    double pie=3.14285714286;
    double volume=(4.0/3.0)*pie*(radius*radius*radius);
    System.out.println("Volume of the sphere="+volume);
     }
}
```

```
Volume of the sphere=463433.14285756415
```

```java
import java.util.Scanner;
class AreaOfTriangle {
   public static void main(String args[])  {

      Scanner s= new Scanner(System.in);

      System.out.println("Enter the width of the Triangle:");
      double b= s.nextDouble();

      System.out.println("Enter the height of the Triangle:");
      double h= s.nextDouble();


      double area=(b*h)/2;
      System.out.println("Area of Triangle is: " + area);
   }
}
```

```
Enter the width of the Triangle:
10.
Enter the height of the Triangle:
200
Area of Triangle is: 1000.0
```

```java
import java.util.*;

    public class CircleArea {

    public static void main(String[] args) {
     double radius, area, circumference;
    Scanner in = new Scanner(System.in);
     System.out.println("Enter Radius of Circle:");
     radius = in.nextDouble();

     area = Math.PI * radius * radius;
     circumference = 2 * Math.PI * radius;

      System.out.println("Area of Circle : " + area);
      System.out.println("Circumference of Circle : " + circumference);
    }

}
```

```
Enter Radius of Circle:
200
Area of Circle : 125663.70614359173
Circumference of Circle : 1256.6370614359173
```

```java
import java.util.Scanner;
public class KmToMiles {
public static void main(String[] args) {
double kilometers;
System.out.println("Please enter the kilometers");
Scanner in = new Scanner(System.in);
kilometers = in.nextDouble();
double miles = kilometers / 1.609;
System.out.println(miles + " miles");
}
}
```

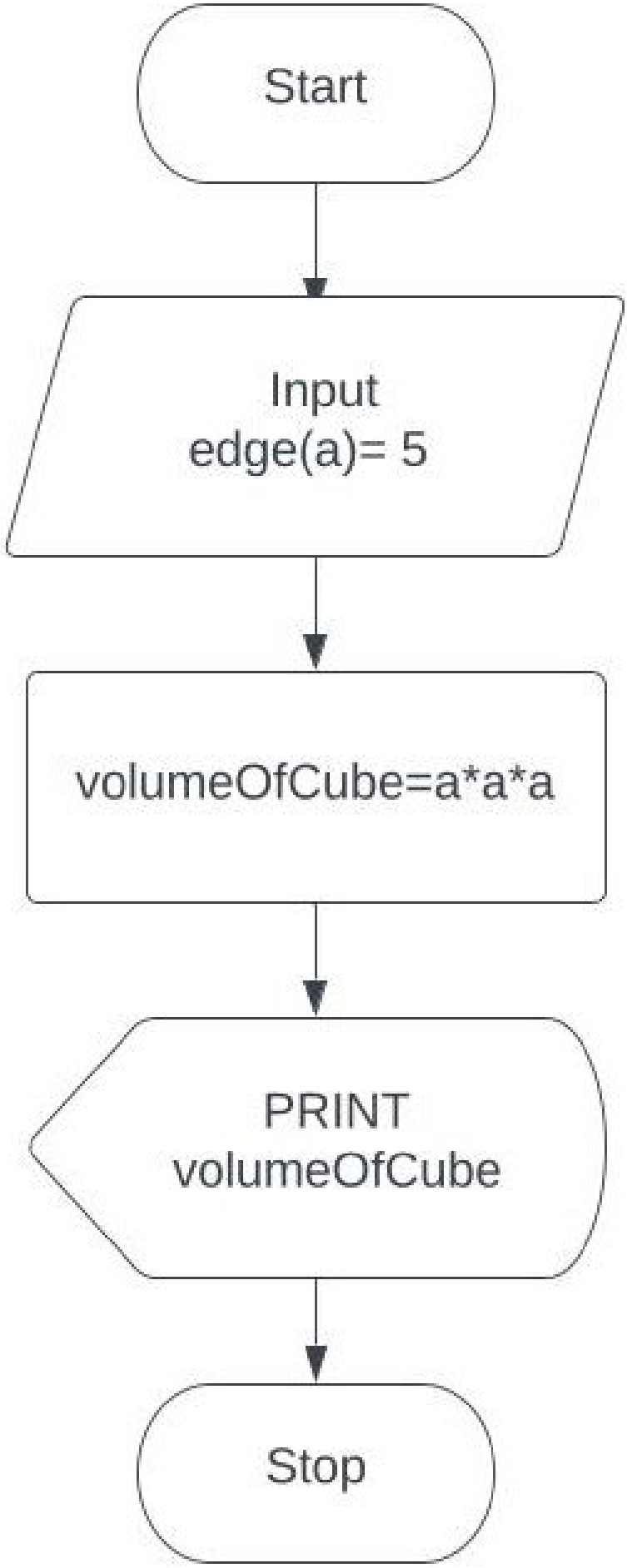
```
Please enter the kilometers
10005
6218.147917961467 miles
```

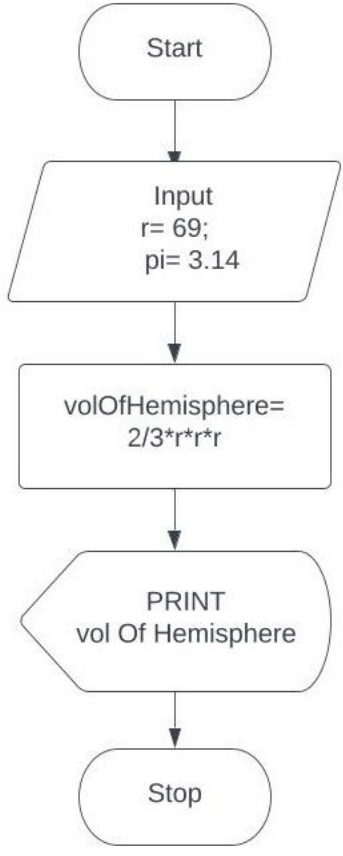
```java
import java.util.*;
class KmToMts {
    public static void main(String args[]) {
        float km,metres;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter The Kilo Meters:");
        km=sc.nextFloat();
        metres=km*1000;
        System.out.printf("The Output 1 Is:\n%.0f",metres);
    }
}
```

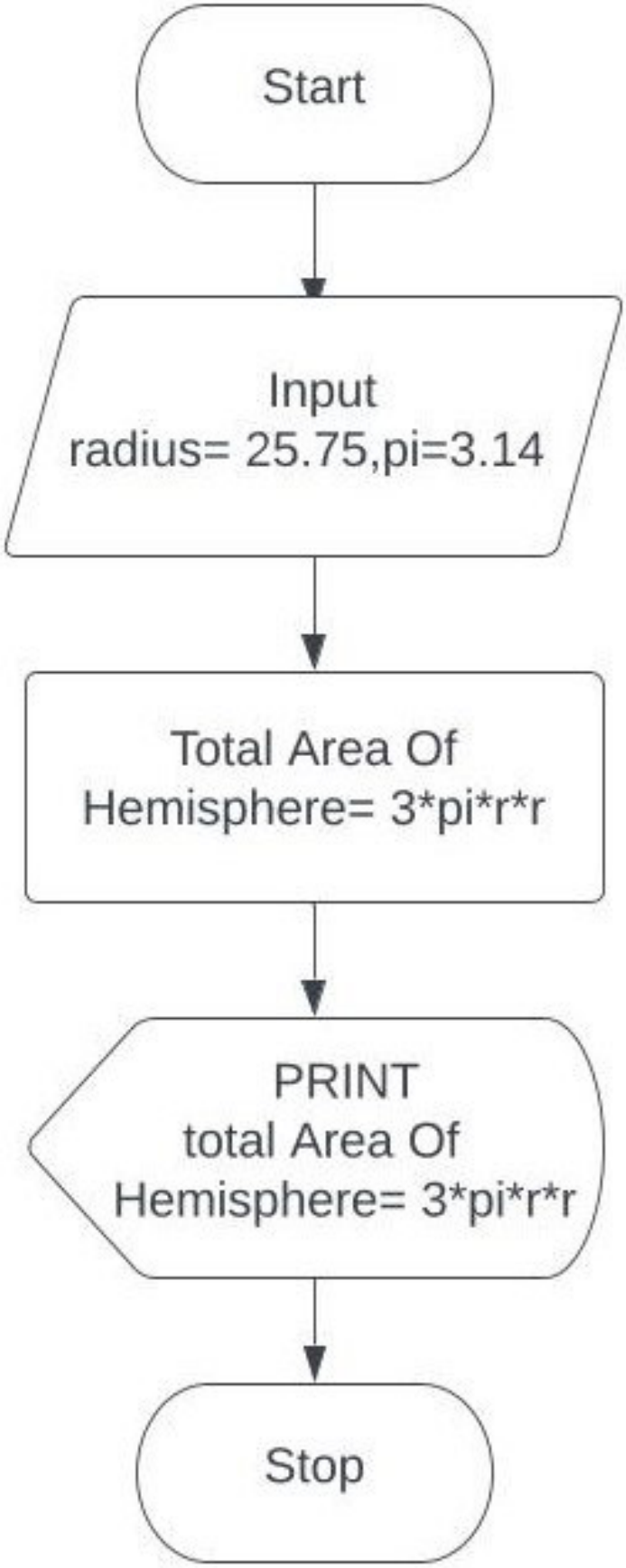
```
Enter The Kilo Meters:
1220
The Output 1 Is:
1220000
```

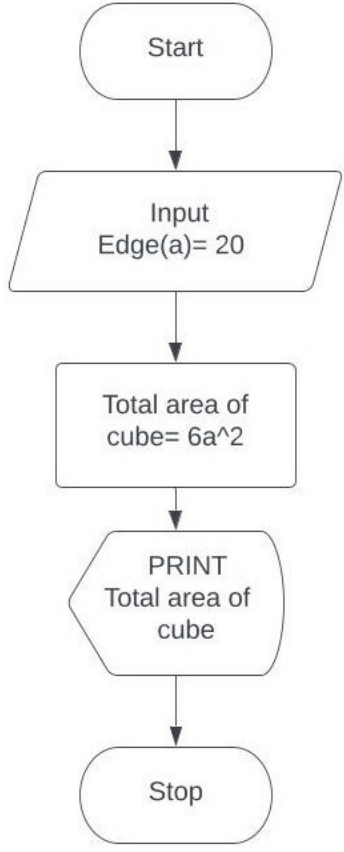
```java
import java.util.Scanner;
public class VolumeOfCuboid {
    public static void main(String args[]) {

Scanner s= new Scanner(System.in);
System.out.println("Enter the length of Cubiod:");
double l=s.nextDouble();
System.out.println("Enter the breadth of Cubiod:");
double b=s.nextDouble();
System.out.println("Enter height of Cubiod:");
double h=s.nextDouble();



double  volume= l*b*h;

System.out.println("Volume Of Cuboid is:" +volume);



    }
}
```

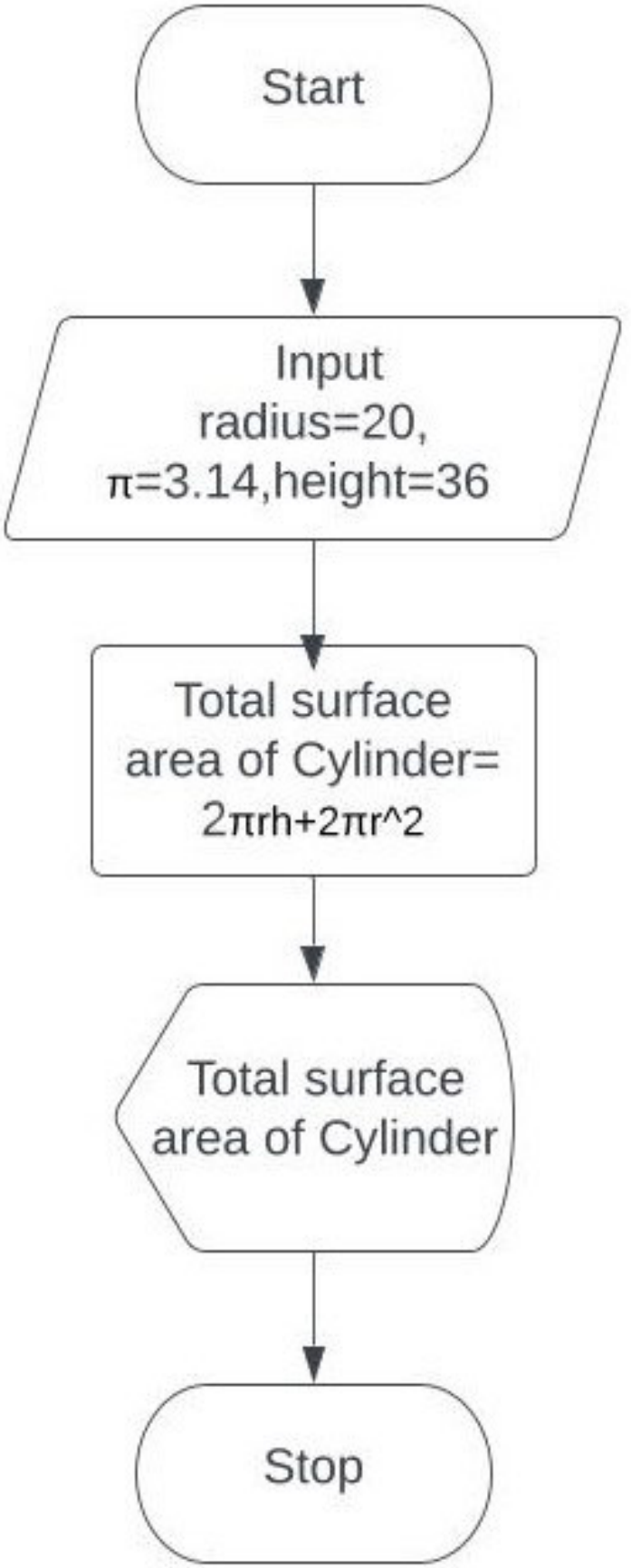
```
Enter the length of Cubiod:
10
Enter the breadth of Cubiod:
20
Enter height of Cubiod:
30
Volume Of Cuboid is:6000.0
```

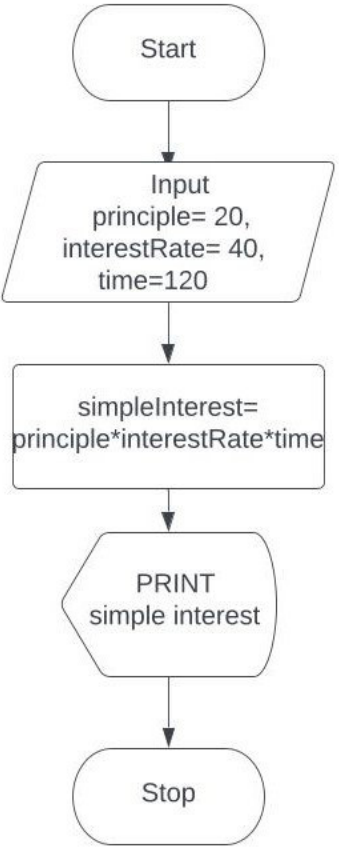

Start
Input
edge(a)= 5
volumeOfCube=a*a*a
PRINT
volumeOfCube
Stop

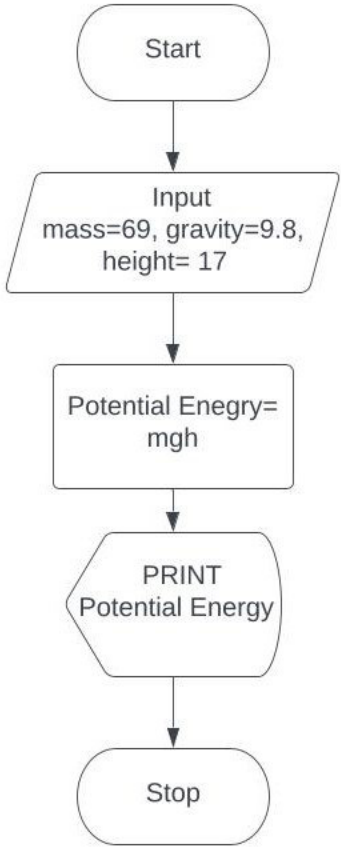

Start
Input
r= 69;
pi= 3.14
volOfHemisphere=
2/3*r*r*r
PRINT
vol Of Hemisphere
Stop

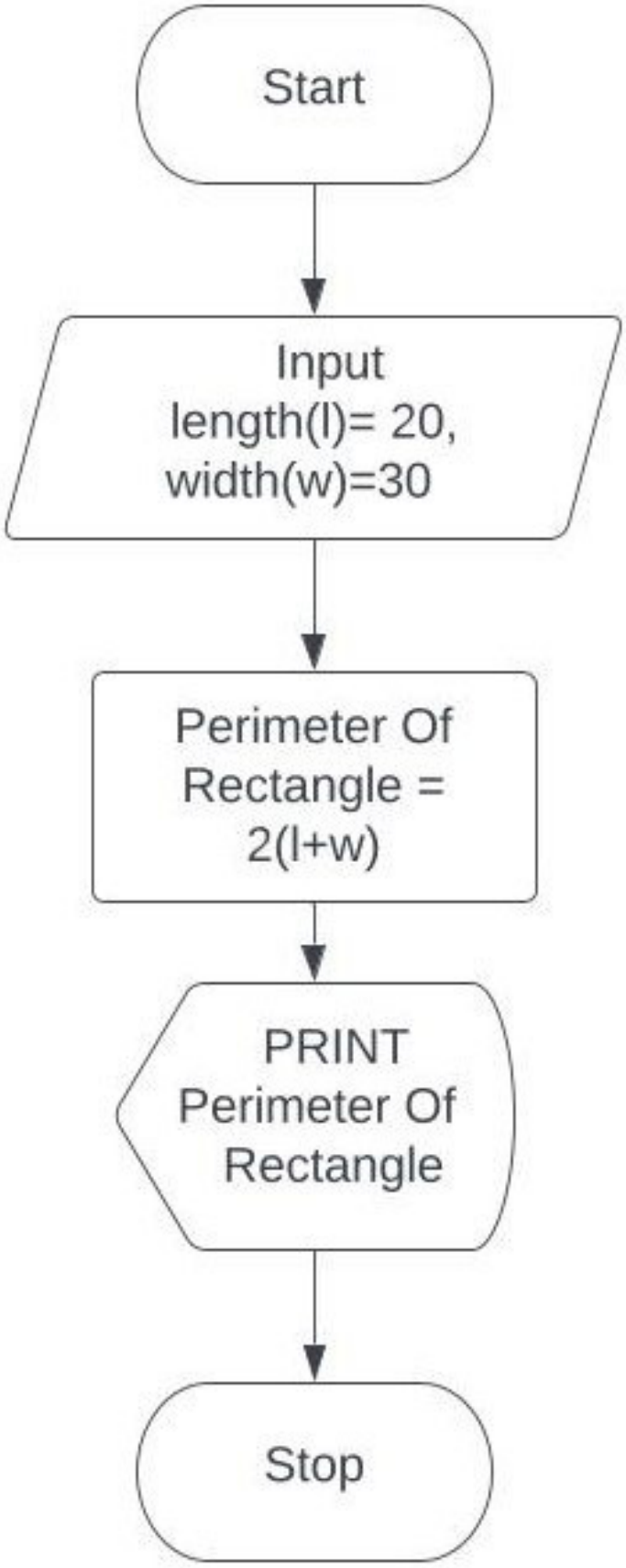

Start
Input
radius= 25.75,pi=3.14
Total Area Of
Hemisphere= 3*pi*r*r
PRINT
total Area Of
Hemisphere= 3*pi*r*r
Stop

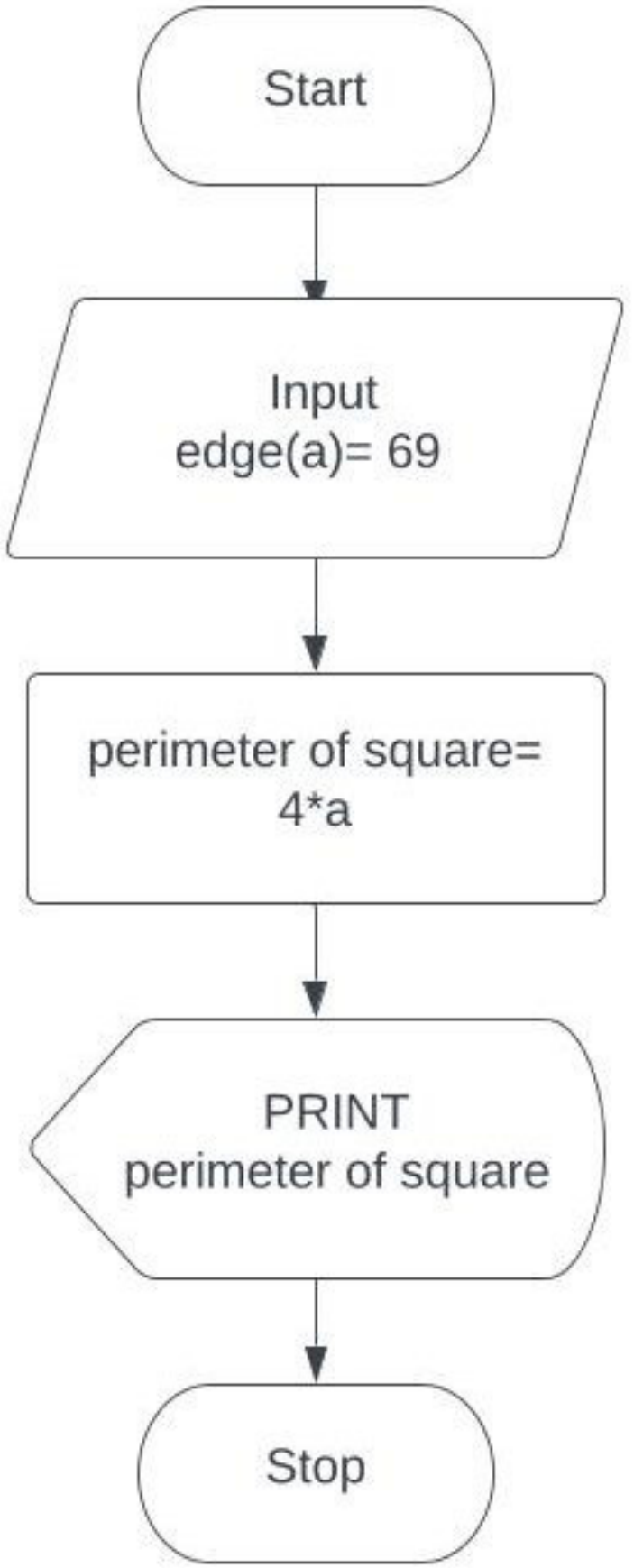

Start
Input
Edge(a)= 20
Total area of
cube= 6a^2
PRINT
Total area of
cube
Stop

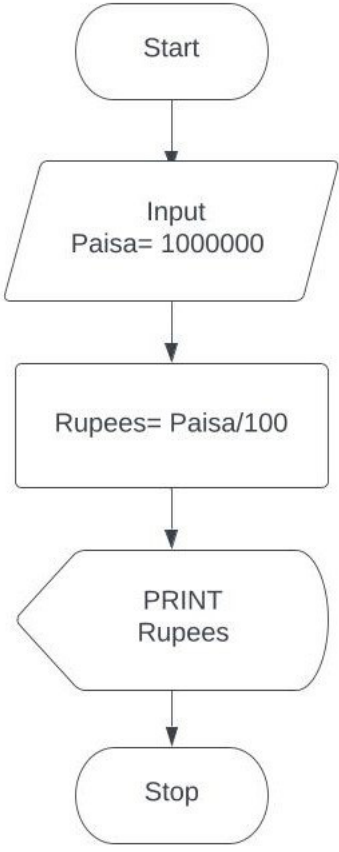

Start
Input
radius=20,
π=3.14,height=36
Total surface
area of Cylinder=
2πrh+2πr^2
Total surface
area of Cylinder
Stop

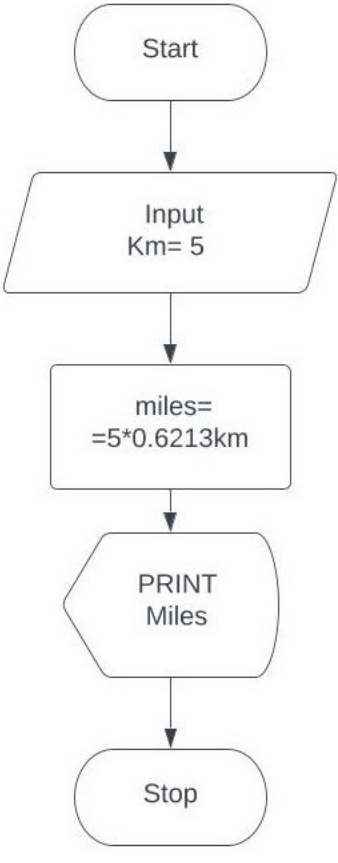

Start
Input
principle= 20,
interestRate= 40,
time=120
simpleInterest=
principle*interestRate*time
PRINT
simple interest
Stop

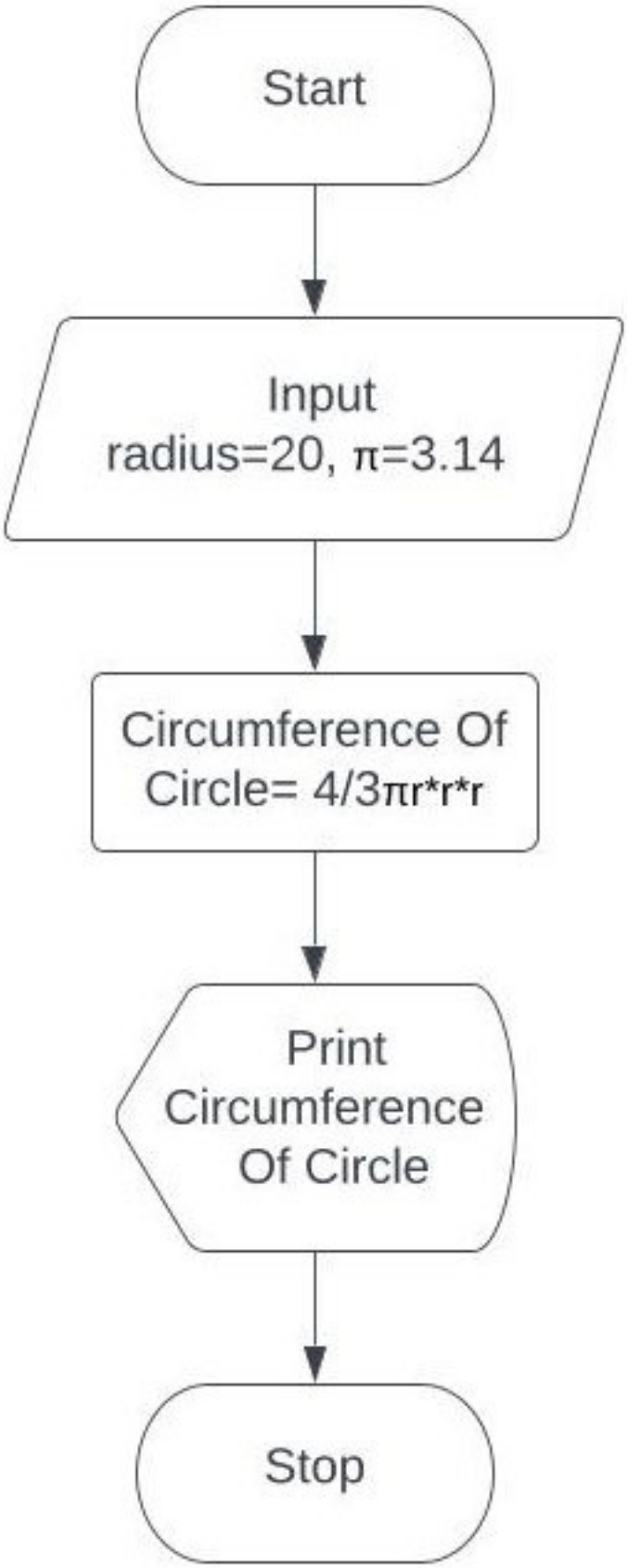

Start
Input
mass=69, gravity=9.8,
height= 17
Potential Enegry=
mgh
PRINT
Potential Energy
Stop

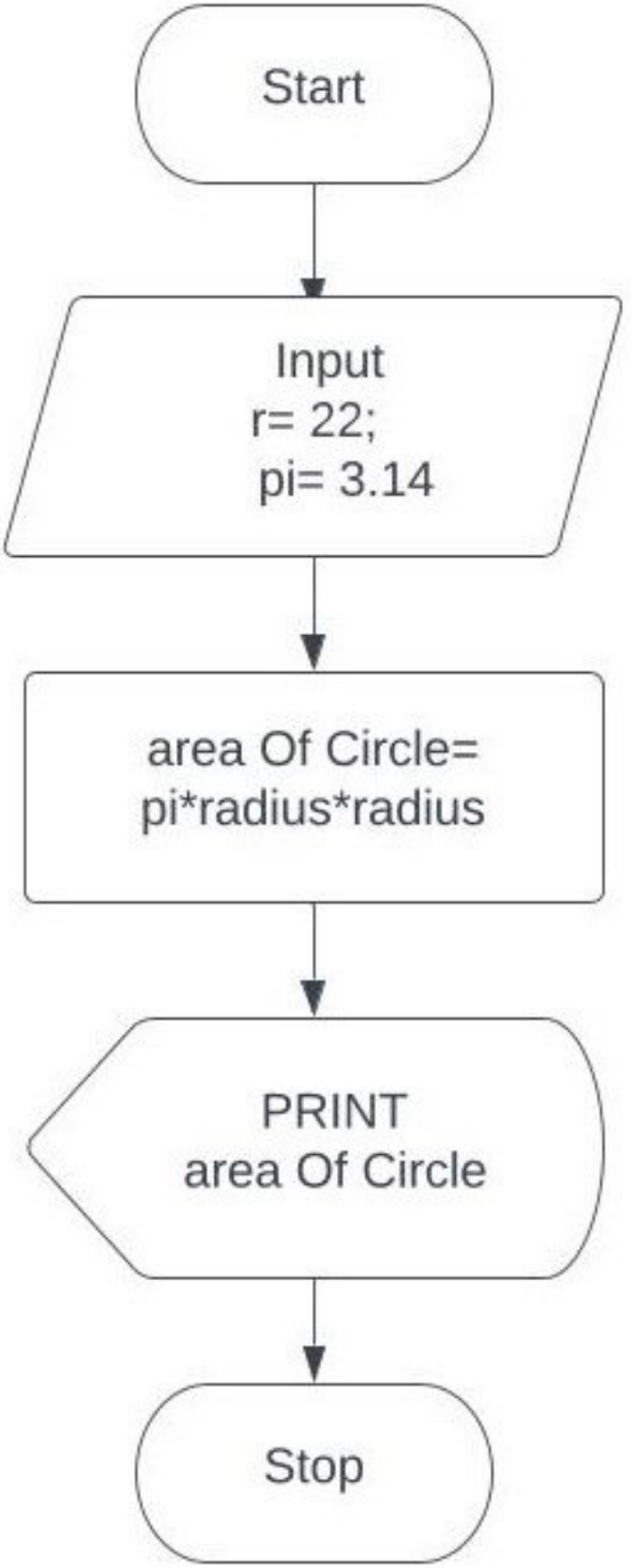

Start
Input
length(l)= 20,
width(w)=30
Perimeter Of
Rectangle =
2(l+w)
PRINT
Perimeter Of
Rectangle
Stop

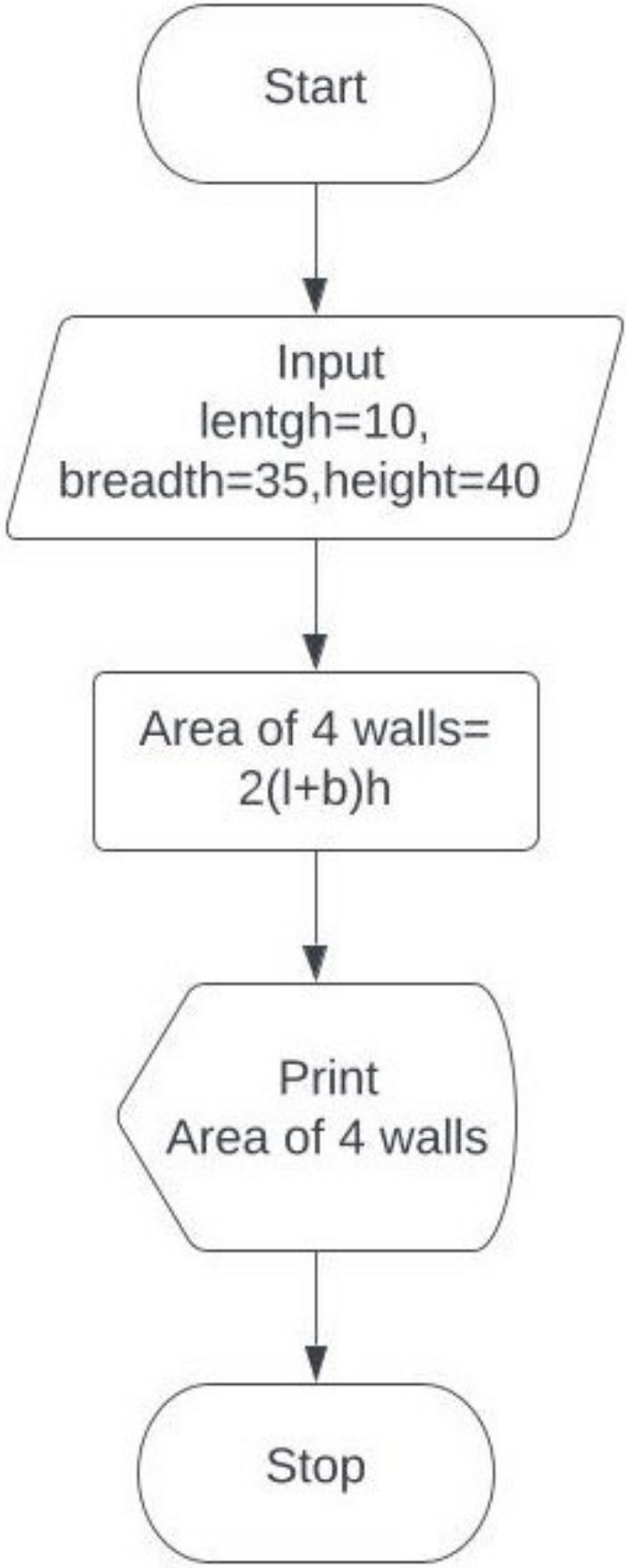

Start
Input
edge(a)= 69
perimeter of square=
4*a
PRINT
perimeter of square
Stop

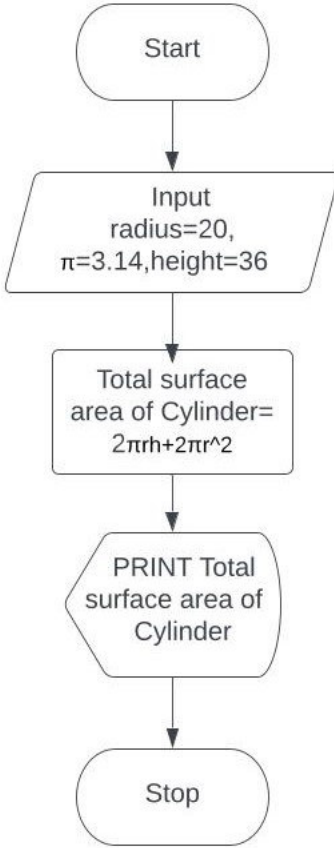

Start
Input
Paisa= 1000000
Rupees= Paisa/100
PRINT
Rupees
Stop

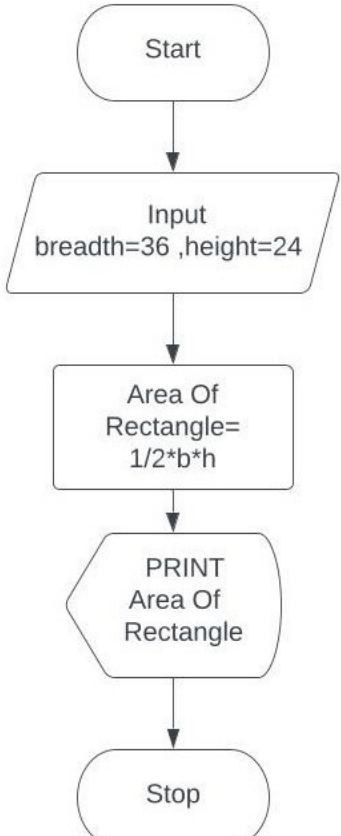

Start
Input
Km= 5
miles=
=5*0.6213km
PRINT
Miles
Stop

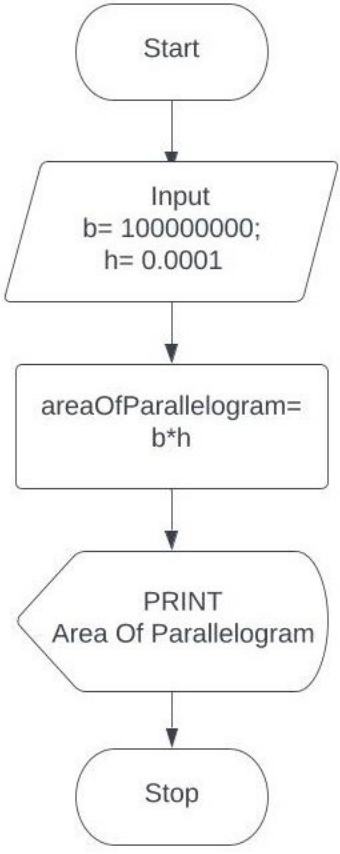

Start
Input
radius=20, π=3.14
Circumference Of
Circle= 4/3πr*r*r
Print
Circumference
Of Circle
Stop


Start
Input
r= 22;
pi= 3.14
area Of Circle=
pi*radius*radius
PRINT
area Of Circle
Stop


Start
Input
lentgh=10,
breadth=35,height=40
Area of 4 walls=
2(l+b)h
Print
Area of 4 walls
Stop


Start
Input
radius=20,
π=3.14,height=36
Total surface
area of Cylinder=
2πrh+2πr^2
PRINT Total
surface area of
Cylinder
Stop


Start
Input
breadth=36 ,height=24
Area Of
Rectangle=
1/2*b*h
PRINT
Area Of
Rectangle
Stop


Start
Input
b= 100000000;
h= 0.0001
areaOfParallelogram=
b*h
PRINT
Area Of Parallelogram
Stop