

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

Can only enter input while your program is running

BlueJ: Terminal Window - WorkshopOne

Options

the volume is 3053.6280592892786

Can only enter input while your program is running

VolumeOfSphere - WorkshopOne

Class Edit Tools Options

MyFirstProgram X VolumeOfSphere X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class VolumeOfSphere{  
    public static void main(String[] args){  
        int r=9;  
        double pie=3.141592653589793238;  
        double volume=(4.0/3.0)*pie*(r*r*r);  
        System.out.println("the volume is "+volume);  
    }  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class... → Compile

MyFirstProgram VolumeOfSphere **AreaOfFourWalls** TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

the area of 4 walls is1800

Can only enter input while your program is running

AreaOfFourWalls - WorkshopOne

Class Edit Tools Options

MyFirstProgram X VolumeOfSphere X **AreaOfFourWalls X**

Compile Undo Cut Copy Paste Find... Close Source Code

```
public static void main (String[] args){
    int l=10;
    int b=20;
    int h= 30;
    int Area= 2*(l+b)*h;
    System.out.println("the area of 4 walls is"+Area);
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfCuboid

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

Can only enter input while your program is running

BlueJ: Terminal Window - WorkshopOne

Options

the total surface area is: 54
the volume is: 27

Can only enter input while your program is running

TSAVolumeOfCuboid - WorkshopOne

Class Edit Tools Options

MyFirstProgram X VolumeOfSphere X AreaOfFourWalls X TSAVolumeOfCuboid X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public static void main(String[] args){  
    int l=3;  
    int h=3;  
    int w=3;  
    int tsa=2*((l*h)+(l*w)+(h*w));  
    int volume=l*w*h;  
    System.out.println("the total surface area is: "+tsa);  
    System.out.println("the volume is: "+volume);  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class... → Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

the surface area of cube is: 24

Can only enter input while your program is running

TSAOfCube - WorkshopOne

Class Edit Tools Options

MyFirstProgram X VolumeOfSphere X AreaOfFourWalls X TSAVolumeOfCuboid X TSAOfCube X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public static void main(String[] args){
    int a=2;
    int area=6*(a*a);
    System.out.println("the surface area of cube is: "+area);
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class... → Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

the area of rectangle is: 20

Can only enter input while your program is running

AreaOfRectangle - WorkshopOne

Class Edit Tools Options

MyFirstProgram X VolumeOfSphere X AreaOfFourWalls X TSAVolumeOfCuboid X TSAOfCube X AreaOfRectangle X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public static void main(String[] args){
    int l=4;
    int b=5;
    int area=l*b;
    System.out.println("the area of rectangle is: "+area);
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class... → Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

the circumference of circle is125.66000000000001

Can only enter input while your program is running

CircumferenceOfCircle - WorkshopOne

Class Edit Tools Options

VolumeOfSphere X AreaOfFourWalls X TSAVolumeOfCuboid X TSAOfCube X AreaOfRectangle X CircumferenceOfCircle X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public static void main(String[] args){
    double pie=3.1415;
    int r=10;
    double coc= 4.0*pie*r;
    System.out.println ("the circumference of circle is" +coc);
}
```

saved

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Project Edit Tools View Help

New Class... → Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

6.0

Can only enter input while your program is running

AreaOfTriangle - WorkshopOne

Class Edit Tools Options

AreaOfFourWalls X TSAVolumeOfCuboid X TSAOfCube X AreaOfRectangle X CircumferenceOfCircle X AreaOfTriangle X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class AreaOfTriangle{  
    public static void main(String[] args){  
        double a=5.0;  
        double b=4.0;  
        double c=3.0;  
        double s=(a+b+c)/2.0;  
        double area=(s*(s-a)*(s-b)*(s-c));  
        System.out.println(Math.sqrt(area));  
    }  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class... → Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

the circumference of circle is: 125.66000000000001
the area of circle is: 314.15000000000003

Can only enter input while your program is running

AreaCircumferenceOfCircle - WorkshopOne

Class Edit Tools Options

umeOfCuboid X TSAOfCube X AreaOfRectangle X CircumferenceOfCircle X AreaOfTriangle X AreaCircumferenceOfCircle X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public static void main(String[] args){  
    double pie=3.1415;  
    int r=10;  
    double c= 4.0*pie*r;  
    double a=pie*r*r;  
    System.out.println ("the circumference of circle is: "+c);  
    System.out.println("the area of circle is: "+a);  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

MyFirstProgram

VolumeOfSphere

AreaOfFourWalls

TSAVolumeOfC

TSAOfCube

AreaOfRectangle

CircumferenceOfCircle

AreaOfTriangle

AreaCircumferenceOfCircle

KmToMiles

MToKm

PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

please enter the distance in km:

2

the value is1.24274238

Can only enter input while your program is running

KmToMiles - WorkshopOne

Class Edit Tools Options

TSAOfCube X AreaOfRectangle X CircumferenceOfCircle X AreaOfTriangle X AreaCircumferenceOfCircle X KmToMiles X

Compile Undo Cut Copy Paste Find... Close

Source Code

```
public class KmToMiles{
    public static void main(String[] args){
        Scanner in = new Scanner(System.in);
        double m=0.62137119;
        System.out.println("please enter the distance in km: ");
        int km = in.nextInt();
        double convert=km*m;
        System.out.println("the value is"+convert);
    }
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

MyFirstProgram

VolumeOfSphere

AreaOfFourWalls

TSAVolumeOfC

TSAOfCube

AreaOfRectangle

CircumferenceOfCircle

AreaOfTriangle

AreaCircumferenceOfCircle

KmToMiles

MToKm

PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

Enter meter :
4
Meter:4.0, Kilometer: 0.004

Can only enter input while your program is running

MToKm - WorkshopOne

Class Edit Tools Options

AreaOfRectangle X CircumferenceOfCircle X AreaOfTriangle X AreaCircumferenceOfCircle X KmToMiles X MToKm X

Compile Undo Cut Copy Paste Find... Close

Source Code

```
public class MToKm{  
    public static void main(String[] args){  
        double km=1000.0;  
        Scanner in = new Scanner(System.in);  
        System.out.println("Enter meter :");  
        double m=in.nextInt();  
        double conversion=m/km;  
        System.out.println("Meter:"+m+", Kilometer: "+conversion);  
    }  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class... → Compile

MyFirstProgram VolumeOfSphere AreaOfFourWalls TSAVolumeOfC

TSAOfCube AreaOfRectangle CircumferenceOfCircle AreaOfTriangle

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

BlueJ: Terminal Window - WorkshopOne

Options

Enter mass:
33
Enter height:
2
The potential energy is: 646.8000000000001

Can only enter input while your program is running

PotentialEnergy - WorkshopOne

Class Edit Tools Options

CircumferenceOfCircle X AreaOfTriangle X AreaCircumferenceOfCircle X KmToMiles X MToKm X PotentialEnergy X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class PotentialEnergy{  
    public static void main(String[] args){  
        double g=9.8;  
        Scanner in = new Scanner(System.in);  
        System.out.println("Enter mass: ");  
        double m=in.nextDouble();  
        System.out.println("Enter height: ");  
        double h=in.nextDouble();  
        double pe=g*m*h;  
        System.out.println("The potential energy is: "+pe);  
    }  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class... → Compile

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch

BlueJ: Terminal Window - WorkshopOne

Options

enter length of rectangle:
22
enter height of rectangle:
33
The perimeter of rectangle is: 110.0

Can only enter input while your program is running

PerimeterOfRectangle - WorkshopOne

Class Edit Tools Options

AreaOfTriangle AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy PerimeterOfRectangle

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class PerimeterOfRectangle{  
    public static void main(String[] args){  
        Scanner in = new Scanner(System.in);  
  
        System.out.println("enter length of rectangle: ");  
        double a=in.nextDouble();  
  
        System.out.println("enter height of rectangle: ");  
        double b=in.nextDouble();  
  
        double p=2*(a+b);  
  
        System.out.println("The perimeter of rectangle is: "+p);  
    }  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch

BlueJ: Terminal Window - WorkshopOne

Options

Enter Principal:
23
Enter Rate:
32
Enter Time:
23
Simple Interest is: 169.28, and Total Amount is: 16951.0

Can only enter input while your program is running

SimpleInterest - WorkshopOne

Class Edit Tools Options

AreaCircumferenceOfCircle X KmToMiles X MToKm X PotentialEnergy X PerimeterOfRectangle X SimpleInterest X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class SimpleInterest{  
    public static void main(String[] args){  
        Scanner in = new Scanner(System.in);  
  
        System.out.println("Enter Principal: ");  
        double p=in.nextDouble();  
  
        System.out.println("Enter Rate: ");  
        double r=in.nextDouble();  
  
        System.out.println("Enter Time: ");  
        double t=in.nextDouble();  
  
        double si=(p*r*t)/100;  
        double ta=p*(1+(r*t));  
  
        System.out.println("Simple Interest is: "+si+", and Total Amount is  
    }  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch

BlueJ: Terminal Window - WorkshopOne

Options

enter kg:
20
the value is20000.0

Can only enter input while your program is running

KgToG - WorkshopOne

Class Edit Tools Options

CircumferenceOfCircle X KmToMiles X MToKm X PotentialEnergy X PerimeterOfRectangle X SimpleInterest X KgToG X

Compile Undo Cut Copy Paste Find... Close Source Code

```
import java.util.Scanner;

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

        double gram=1000;

        Scanner in = new Scanner(System.in);

        System.out.println("enter kg: ");

        int kg = in.nextInt();

        double convert=kg*gram;

        System.out.println("the value is"+convert);

    }
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

AreaCircumferenceOfCircle KmToMiles MToKm PotentialEnergy

PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch

BlueJ: Terminal Window - WorkshopOne

Options

Enter radius of Sphere:

3

The total surface area of the sphere is: 113.09733552923255,
and volume of the sphere is: 113.09733552923254

Can only enter input while your program is running

TSAVolumeOfSphere - WorkshopOne

Class Edit Tools Options

KmToMiles X MToKm X PotentialEnergy X PerimeterOfRectangle X SimpleInterest X KgToG X TSAVolumeOfSphere X

Compile Undo Cut Copy Paste Find... Close Source Code

```
import java.util.Scanner;

public class TSAVolumeOfSphere{
    public static void main(String[] args){
        double pi=3.141592653589793238;

        Scanner in = new Scanner(System.in);

        System.out.println("Enter radius of Sphere: ");
        double r=in.nextDouble();

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

        System.out.printf("The total surface area of the sphere is: "+tsa+", %n", v);
    }
}
```

Class compiled - no syntax errors

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch

BlueJ: Terminal Window - WorkshopOne

Options

Enter Quantity of Pen:
4
Enter Rate of a Pen:
20
Enter Quantity of Copy:
5
Enter Rate of a Copy:
150
Enter Quantity of Pencil:
2
Enter Rate of a Pencil:
10
The total amount is: 850

Can only enter input while your program is running

PenCopyPencil - WorkshopOne

Class Edit Tools Options

oKm X PotentialEnergy X PerimeterOfRectangle X SimpleInterest X KgToG X TSAVolumeOfSphere X PenCopyPencil X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class PenCopyPencil{  
    public static void main(String[] args){  
        Scanner in = new Scanner(System.in);  
  
        System.out.println("Enter Quantity of Pen: ");  
        int pen = in.nextInt();  
  
        System.out.println("Enter Rate of a Pen: ");  
        int rpen = in.nextInt();  
  
        System.out.println("Enter Quantity of Copy: ");  
        int copy = in.nextInt();  
  
        System.out.println("Enter Rate of a Copy: ");  
        int rcopy = in.nextInt();  
  
        System.out.println("Enter Quantity of Pencil: ");  
        int pencil = in.nextInt();  
  
        System.out.println("Enter Rate of a Pencil: ");  
        int rpencil = in.nextInt();  
  
        int ta=(pen*rpen)+(copy*rcopy)+(pencil*rpencil);  
  
        System.out.println("The total amount is: "+ta);  
    }  
}
```

saved

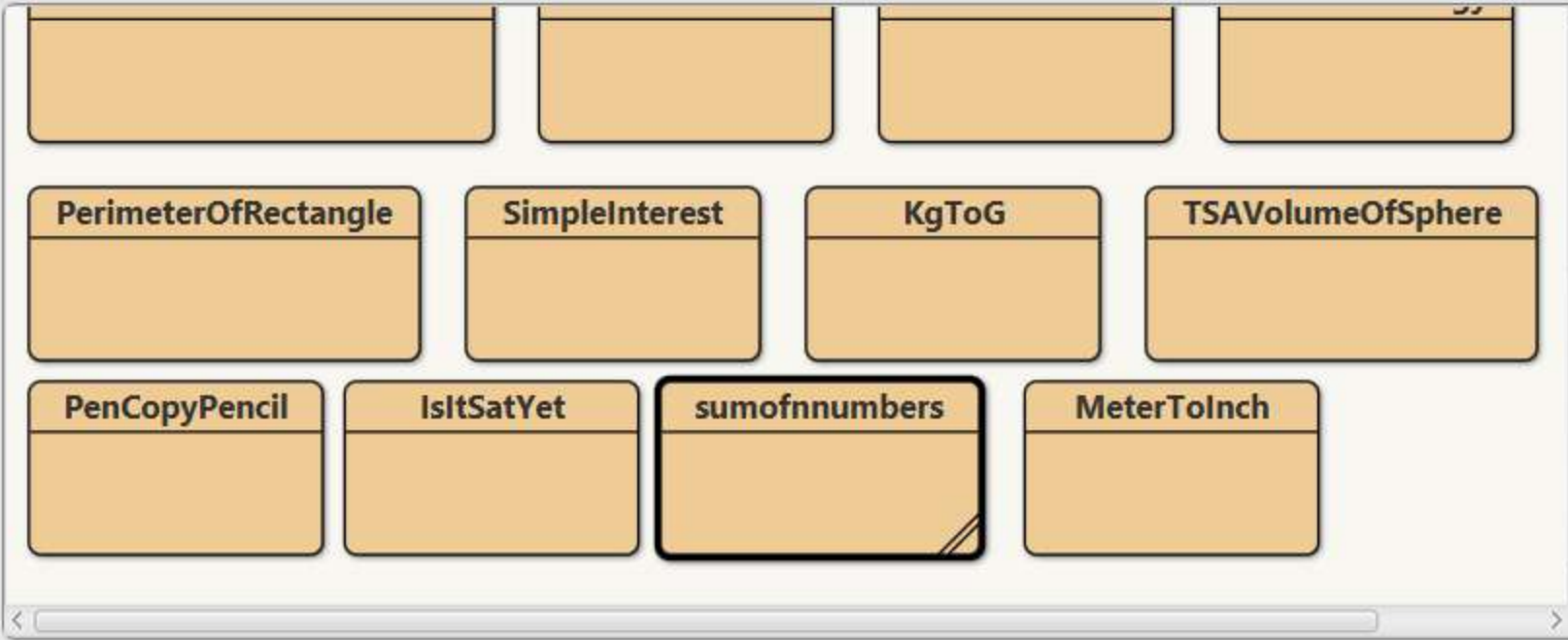
BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile



PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch

BlueJ: Terminal Window - WorkshopOne

Options

enter the value of n:
23
the sum of first 23 natural numbers is 276

Can only enter input while your program is running

sumofnnumbers - WorkshopOne

Class Edit Tools Options

meterOfRectangle X SimpleInterest X KgToG X TSAVolumeOfSphere X PenCopyPencil X IsItSatYet X sumofnnumbers X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class sumofnnumbers{  
    public static void main(String[] args){  
        Scanner in = new Scanner(System.in);  
  
        System.out.println("enter the value of n: ");  
  
        int n=in.nextInt();  
  
        int sum=(n*(n+1))/2;  
  
        System.out.println("the sum of first "+n+" natural numbers is "+sum);  
    }  
}
```

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile



PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch

BlueJ: Terminal Window - WorkshopOne

Options

Enter meter:
223
223.0 converted into inch is: 8779.5323

Can only enter input while your program is running

MeterToInch - WorkshopOne

Class Edit Tools Options

SimpleInterest X KgToG X TSAVolumeOfSphere X PenCopyPencil X IsItSatYet X sumofnnumbers X MeterToInch X

Compile Undo Cut Copy Paste Find... Close Source Code

```
import java.util.Scanner;

class MeterToInch{
    public static void main(String[] args){
        Scanner in = new Scanner(System.in);

        double inch=39.3701;

        System.out.println("Enter meter: ");
        double meter=in.nextDouble();

        double converted=inch*meter;
        System.out.println(meter+" converted into inch is: "+converted);
    }
}
```

Class compiled - no syntax errors

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

PerimeterOfRectangle SimpleInterest KgToG TSAVolumeOfSphere

PenCopyPencil IsItSatYet sumofnnumbers MeterToInch CostOfFourV

Can only enter input while your program is running

BlueJ: Terminal Window - WorkshopOne

Options

The cost of painting four walls of total area: 1800
when the cost of painting one square inch is: 20
is : 36000

Can only enter input while your program is running

CostOfFourWalls - WorkshopOne

Class Edit Tools Options

KgToG X TSAVolumeOfSphere X PenCopyPencil X IsItSatYet X sumofnnumbers X MeterToInch X CostOfFourWalls X

Compile Undo Cut Copy Paste Find... Close Source Code

```
public class CostOfFourWalls{  
    public static void main (String[] args){  
        int l=10;  
        int b=20;  
        int h= 30;  
        int Area= 2*(l+b)*h;  
        int cost=20;  
        int ans=Area*cost;  
        System.out.printf("The cost of painting four walls of total area: "+Area+  
    }  
}
```

Class compiled - no syntax errors

saved

BlueJ: WorkshopOne

Project Edit Tools View Help

New Class...

→

Compile

PenCopyPencil

IsItSatYet

sumofnnumbers

MeterToInch

CostOfFourW

AreaOfParallelogram

Can only enter input while your program is running

BlueJ: Terminal Window - WorkshopOne

Options

The area of Parallelogram is: 15

Can only enter input while your program is running

AreaOfParallelogram - WorkshopOne

Class Edit Tools Options

OfSphere X PenCopyPencil X IsItSatYet X sumofnnumbers X MeterToInch X CostOfFourWalls X AreaOfParallelogram X

Compile Undo Cut Copy Paste Find... Close Source Code

```
class AreaOfParallelogram{
    public static void main(String[] args){
        int base=3;
        int height=5;
        int area=base*height;
        System.out.println("The area of Parallelogram is: "+area);
    }
}
```

Class compiled - no syntax errors

saved