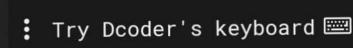
```
import java.util.*;
  class Height
  {
     private int feet;
     private int inches;
     public void getDistance()
     {
         Scanner sc=new Scanner(System.in);
         System.out.print("Enter feet: ");
        feet=sc.nextInt();
         System.out.print("Enter inches: ");
         inches=sc.nextInt();
     public void showDistance()
     {
         System.out.println("Feet: "+ feet + "\tInch
     public void addDistance(Height H1, Height H2)
     {
         inches=H1.inches+H2.inches;
        feet=H1.feet+H2.feet+(inches/12);
         inches=inches%12;
     }
28 }
30 public class Main
31 {
     public static void main(String []s)
     {
         try
         {
            Height H1=new Height();
            Height H2=new Height();
            Height H3=new Height();
                          ight
   Try Dcoder's keyboard 📟
```

```
28 }
30 public class Main
31 {
     public static void main(String []s)
     {
        try
        {
           Height H1=new Height();
           Height H2=new Height();
38
           Height H3=new Height();
            //read first Height
           System.out.println("k.Durga sri sravya
           System.out.println("Enter first Height:
           H1.getDistance();
            //read second Height
            System.out.println("Enter second Height
            H2.getDistance();
            //add heights
            H3.addDistance(H1,H2);
            //print Height
            System.out.println("Total Height is:" )
            H3.showDistance();
        catch (Exception e)
        {
            System.out.println("Exception occurred
        }
61}
```





× Terminal

k.Durga sri sravya SAPID:51836473

Enter first Height:

Enter feet: 4

Enter inches: 67

Enter second Height:

Enter feet: 5

Enter inches: 190

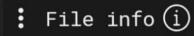
Total Height is:

Feet: 30 Inches: 5

Process finished.

```
abstract class Furniture {
   protected String color;
   protected int width;
   protected int height;
  public abstract void accept();
   public abstract void display();
      class chair extends Furniture {
  private int numOf_legs;
  public void accept() {
  color = "Brown";
   width = 36;
   height = 48;
   numOf_legs = 4;
  }
     public void display()
   System.out.println("Color is" + color);
  System.out.println("Width is" + width);
  System.out.println("Height is" + height);
System.out.println("Number of legs is" + numOf_
   System.out.println(" ");
  class Bookshelf extends Furniture {
  private int numOf_shelves;
   public void accept() {
    color ="Black";
   width = 72;
    height = 84;
    numOf\_shelves = 4;
:
  File info(i) display()
```

```
public void accept() {
     color ="Black";
     width = 72;
     height = 84;
     numOf shelves = 4:
    public void display () {
      System.out.println("K.Durga sri sravya SAPID
     System.out.println("DISPLAYING VALUES FOR BOO
     System.out.println
    System.out.println("Color is" + color);
    System.out.println("Width is" + width);
    System.out.println("Height is" + height);
    System.out.println("Number of shelves is"
                                                + nu
    System.out.println(" ");
   class FurnitureDemo
                         {
    public static void main(String[]
                                      args)
                                               {
     Bookshelf b1 = new Bookshelf();
     b1.accept();
     b1.display();
60
     chair c1 = new chair ();
     c1.accept();
     c1.display();
```





```
K.Durga sri sravya SAPID:51836473
DISPLAYING VALUES FOR BOOKSHELF
Color isBlack
Width is72
Height is84
Number of shelves is4
DISPLAYING VALUE FOR CHAIR
```

Color isBrown
Width is36
Height is48
Number of legs is4

Process finished.

```
import java.util.*;
  class Main
    public static int[] remove(int[] x, int key) {
      List<Integer> result = new ArrayList<>();
      for (int y: x) {
        if (y != key) {
          result.add(y);
        }
      }
      return result.stream()
             .mapToInt(Integer::intValue)
             .toArray();
    }
    public static void main(String[] args) {
      int[] x = { 1, 23, 2, 4, 23, 2,5,6,2 };
      int key = 2;
      x = remove(x, key);
      System.out.println("K.durga sri sravya SAPID:
      System.out.println(Arrays.toString(x));
28 }
       Terminal
  ×
K.durga sri sravya SAPID:51836473
[1, 23, 4, 23, 5, 6]
```

Process finished.

```
public class Pyramid
  {
       public static void main(String[] args)
       {
         System.out.println("K.Durga sri sravya ");
           int i=0, j=0, n=6, k=0;
           for(i=0; i<n; i++)
           {
               k=1;
               for(j=0; j<(n+i); j++)
12
                   if(j < n-i-1)
                        System.out.print(" ");
                    else
                    {
                        System.out.print(""+k);
                        if(j<(n-1))
                             k++;
                        else
                             k--;
                    }
               System.out.println(" ");
       }
29 }
```



```
import java.util.Scanner;
public class HelloWorld {
  public static float getSum(int a, int n)
  {
    // variable to store the answer
    float sum = 0;
    for (int i = 1; i \le n; ++i) {
      // Math.pow(x, y) returns x^y
      sum += (i / Math.pow(a, i));
    return sum;
  }
  public static void main(String[] args)
  {
    System.out.println("K.Durga sri sravya SAPID
    int a = 3, n = 3;
    // Print the sum of the series
    System.out.println(getSum(a, n));
```

K.Durga sri sravya SAPID:51836473 0.6666667

Process finished.

×

Terminal