



j.java

Saved



```
1 import java.util.*;
2
3 class Height
4 {
5     private int feet;
6     private int inches;
7
8     public void getDistance()
9     {
10         Scanner sc=new Scanner(System.in);
11
12         System.out.print("Enter feet: ");
13         feet=sc.nextInt();
14         System.out.print("Enter inches: ");
15         inches=sc.nextInt();
16     }
17
18     public void showDistance()
19     {
20         System.out.println("Feet: "+ feet + "\tInches: ");
21     }
22
23     public void addDistance(Height H1, Height H2)
24     {
25         inches=H1.inches+H2.inches;
26         feet=H1.feet+H2.feet+(inches/12);
27         inches=inches%12;
28     }
29 }
30
31 public class Main
32 {
33     public static void main(String []s)
34     {
35         try
36         {
37
38             Height H1=new Height();
39             Height H2=new Height();
40             Height H3=new Height();
41
42             //read first Height
43             System.out.println("Author:G.V.Ajay\nSAP ID:");
44             System.out.println("Enter first Height: ");
45             H1.getDistance();
46
47             //read second Height
48             System.out.println("Enter second Height: ");
49             H2.getDistance();
50
51             //add heights
52             H3.addDistance(H1,H2);
53             int Height
54             em.out.println("Total Height is: ");
55             rowDistance();
56         }
57     }
58 }
```

Make public



```
em.out.println("Total Height is: ");
rowDistance();
```





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```
16     inches=H1.inches+H2.inches;
17 }
18 public void showDistance()
19 {
20     System.out.println("Feet: "+ feet + "\tInches: "+ inches);
21 }
22
23 public void addDistance(Height H1, Height H2)
24 {
25     inches=H1.inches+H2.inches;
26     feet=H1.feet+H2.feet+(inches/12);
27     inches=inches%12;
28 }
29 }
30
31 public class Main
32 {
33     public static void main(String []s)
34     {
35         try
36         {
37
38
39             Height H1=new Height();
40             Height H2=new Height();
41             Height H3=new Height();
42
43             //read first Height
44             System.out.println("Author:G.V.Ajay\nSAP ID:");
45             System.out.println("Enter first Height: ");
46             H1.getDistance();
47
48             //read second Height
49             System.out.println("Enter second Height: ");
50             H2.getDistance();
51
52             //add heights
53             H3.addDistance(H1,H2);
54             //print Height
55             System.out.println("Total Height is:" );
56             H3.showDistance();
57         }
58         catch (Exception e)
59         {
60             System.out.println("Exception occurred :"+ e.getMessage());
61         }
62     }
63 }
```

Make public



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VoLTE



20%



× Terminal

```
Author:G.V.Ajay
SAP ID:51834593
Enter first Height:
Enter feet: 5
Enter inches: 11
Enter second Height:
Enter feet: 4
Enter inches: 5
Total Height is:
Feet: 10Inches: 4

Process finished.
```



j.java

Saved



```
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, 4, 1, 3, 1, 2, 1, 0 };
```

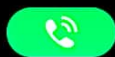
```
        int key = 1;
```

```
        x = remove(x, key);
```

```
        System.out.println("Author:G.VAjay\nSAP ID:518
```

```
        System.out.println(Arrays.toString(x));
```

6:14



VoLTE



20%



Terminal



```
Author:G.VAjay  
SAP ID:51834593  
[4, 3, 2, 0]
```

```
Process finished.
```



j.java

Saved

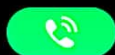
```
import java.util.*;
public class PalindromePattern
{
    public static void main(String[] args)
    {
        int i,j,k;
        Scanner sc=new Scanner(System.in);
        System.out.println("enter no.of rows");

        int n=sc.nextInt();

        for(i=0; i<n; i++)
        {
            //inotializing k as one
            k=1;
            for(j=0; j<(n+i); j++)
            {
                if(j<n-i-1)
                //prints space in the less than n-i-2
                System.out.print(" ");
                else
                {
                    // else prints k
                    System.out.print(+ k);
                    if(j<(n-1))
                    // if j is greater than n-1
                    //increases to k+1
                    k++;

                    else
                    //if not k as k-1
                    k--;
                }
            }
            System.out.println(" ");
        }
    }
}
```





enter no.of rows

6

1

121

12321

1234321

123454321

12345654321

Process finished.

