

```

1  import java.util.*;
2
3  class Main
4  {
5      public static int[] remove(int[] x, int key)
6      {
7          List<Integer> result = new ArrayList<>();
8
9          for (int y: x) {
10             if (y != key) {
11                 result.add(y);
12             }
13         }
14
15         return result.stream()
16             .mapToInt(Integer::intValue)
17             .toArray();
18     }
19
20     public static void main(String[] args) {
21         int[] x = { 1, 4, 1, 3, 1, 2, 1, 0 };
22         int key = 1;
23
24         x = remove(x, key);
25         System.out.println("Author:K.Anushka\nSAP
26         System.out.println(Arrays.toString(x));
27     }
28

```

✕ Terminal



```

Author:K.Anushka
SAP ID:51834579
[4, 3, 2, 0]

```

Process finished.

✕ Terminal



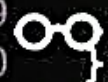
```
Author:K.Anushka  
SAP ID:51834579  
Enter first Height:  
Enter feet: 5  
Enter inches: 3  
Enter second Height:  
Enter feet: 5  
Enter inches: 7  
Total Height is:  
Feet: 10Inches: 10  
  
Process finished.
```



```

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

```



Make public



```

1
2         if(i%2!=0)
3         {
4             for(j=1,k=1;j<=2*i-1;j++)
5             {
6                 if(j<i)
7                 {
8                     System.out.print(k);
9                     k++;
10                }
11                else
12                {
13                    System.out.print(k);
14                    k--;
15                }
16            }
17        }
18        else
19        {
20            for(j=1,k=i;j<=2*i-1;j++)
21            {
22                if(j<i)
23                {
24                    System.out.print(k);
25                    k--;
26                }
27                else
28                {
29                    System.out.print(k);
30                    k++;
31                }
32            }
33        }
34    }
35
36
37
38
39
40
41
42
43

```

✕ Terminal



```

1
212
12321
4321234
123454321

```

Process finished.


```
30 class BOOKSHELF extends Furniture {
31
32     private int numOf_shelves;
33
34     public void accept() {
35
36         color = "Black";
37         width = 72;
38         height = 84;
39         numOf_shelves = 4;
40     }
41     public void display () {
42         System.out.println("DISPLAYING VALUES FOR BOO
43         System.out.println
44         ("=====");
45
46         System.out.println("Color is" + color);
47         System.out.println("Width is" + width);
48         System.out.println("Height is" + height);
49         System.out.println("Number of shelves is" + nu
50         System.out.println(" ");
51     }
52 }
```

✕ Terminal



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.