

```
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     public void showDistance()
18     {
```

```
19     System.out.println("Feet: "+ feet + "\tInches: "+ inches);
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("Suhail");  
43     System.out.println("51834539");  
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
```

```
50
51 //add heights
52 H3.addDistance(H1,H2);
53 //print Height
54 System.out.println("Total Height is:" );
55 H3.showDistance();
56 }
57 catch (Exception e)
58 {
59     System.out.println("Exception occurred :"+ e.toString());
60 }
61 }
62 }
```

× Terminal

```
Suhail
51834539
Enter first Height:
Enter feet: 12
Enter inches: 7
Enter second Height:
Enter feet: 14
Enter inches: 9
Total Height is:
Feet: 27Inches: 4

Process finished.
█
```

```
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 = { 2, 2, 1, 6, 1, 1, 1, 5 };
22         int key = 1;
23
24         x = remove(x, key);
25         System.out.println("Suhail");
26         System.out.println("51834539");
27         System.out.println(Arrays.toString(x));
28     }
29 }
```

× Terminal



```
Suhail
51834539
[2, 2, 6, 5]

Process finished.
```