

```
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("Madan Mohan");  
43     System.out.println("51834548");  
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

```
Madan Mohan  
51834548  
Enter first Height:  
Enter feet: 8  
Enter inches: 7  
Enter second Height:  
Enter feet: 9  
Enter inches: 6  
Total Height is:  
Feet: 18Inches: 1
```

```
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 = { 1, 2, 1, 2, 1, 4, 1, 4 };
22     int key = 1;
23
24     x = remove(x, key);
25     System.out.println("Madan Mohan");
26     System.out.println("51834548");
27     System.out.println(Arrays.toString(x));
28 }
29 }

```

× Terminal



```

Madan Mohan
51834548
[2, 2, 4, 4]

```

Process finished.