

```

2  import java.util.*;
3  import java.text.*;
4  import java.math.*;
5  import java.util.regex.*;
6
7  class Shipping{
8      // Write your code here ..
9      String sourcePlace;
10     String destinationPlace;
11     int netWeight;
12     int totalWeight;
13     public Shipping(String sourcePlace,String destinationPlace,int netWeight,int totalWeight)
14     {
15         this.sourcePlace=sourcePlace;
16         this.destinationPlace=destinationPlace;
17         this.netWeight=netWeight;
18         this.totalWeight=totalWeight;
19     }
20 }
21
22 class Implementation{
23     // Write your code here ..
24
25     public String validator(Shipping details) throws Exception
26     {
27         if(details.sourcePlace.equals(details.destinationPlace))
28         {
29             throw new SamePlaceException("source and destination cannot be same");
30         }
31         else if(details.netWeight > details.totalWeight)
32         {
33             throw new WeightException("net weight cannot be greater than total weight");
34         }
35         else
36         {
37             return "shipping details are valid";

```

Autocomplete reconnecting. ⓘ

Test Results Custom Input

RUN CODE

```


37     return shipping details are valid ;
38 }
39
40 }
41 public float totalBill(Shipping details)
42 {
43     float totalBill = 0.0f;
44     try
45     {
46
47         String result = validator(details);
48         if(result.equalsIgnoreCase("shipping details are valid"))
49             totalBill = details.totalWeight*5;
50     else{
51         if(details.sourcePlace.equalsIgnoreCase(details.destinationPlace)||
52         details.netWeight> details. totalWeight)
53             return (float) 0.0;
54         else
55             return (float)-1.0;
56     }
57     }
58     catch(Exception e){
59         return (float)0.0; }
60
61     return totalBill;
62 }
63 }
64
65
66
67 class SamePlaceException extends Exception{
68     // Write your code here ..
69     public SamePlaceException(String message)
70     {
71         super(message);
72     }
73 }

```

```

54     else
55         return (float)-1.0;
56     }
57     }
58     catch(Exception e){
59         return (float)0.0; }
60
61     return totalBill;
62 }
63 }
64
65
66
67 class SamePlaceException extends Exception{
68     // Write your code here ..
69     public SamePlaceException(String message)
70     {
71         super(message);
72     }
73 }
74
75 class WeightException extends Exception{
76     // Write your code here ..
77     public WeightException(String message)
78     {
79         super(message);
80     }
81 }
82
83 public class Source {
84     public static void main(String args[] ) throws Exception {
85         /* Enter your code here. Read input from STDIN. Print output to STDOUT */
86     }
87 }

```

Autocomplete reconnecting... 

Test Results

Custom Input

RUN CODE