



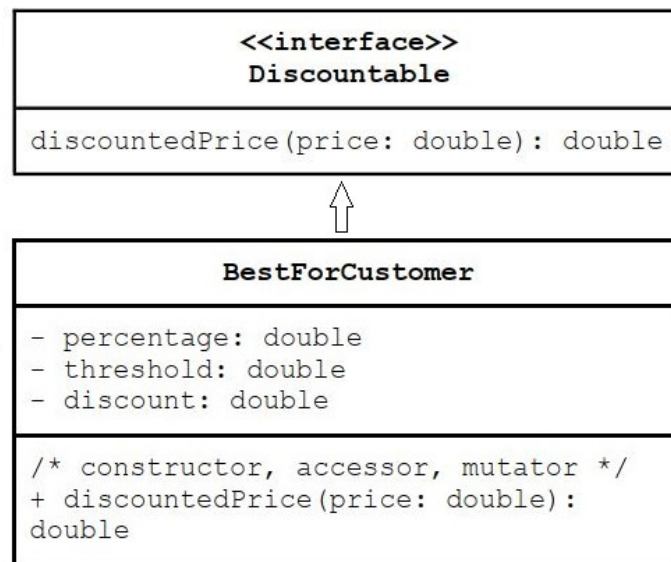
Lab 12 - Task 2 - Interface

Problem

Submissions

Discussions

Implement the following class and invoke `discountedPrice()`:



A threshold discount is a discount that is given to customers when the total for a transaction reaches one or more specified amounts. For example, you can create a discount that gives a 10 percent discount for purchases over 100.00 or you can specify a fixed discount amount.

Input Format

Take total price and percentage of discount as input from user. `discountedPrice()` from `BestForCustomer` class will consider both percentage and threshold discount and give the customer the best possible sales price.

Constraints

Threshold discount - 10% discount for purchases over 100.00 taka

Output Format

Print the best possible sales price.

Sample Input 0

```
200
20
```

Sample Output 0

160.00

Explanation 0

Here,
Price = 200 taka
Discount Percentage = 20%

After PercentageDiscount, price = 160.0 taka
After ThresholdDiscount, price = 180.0 taka

So, best possible sales price 160.00 taka.

Sample Input 1

100
20

Sample Output 1

80.00

Sample Input 2

500
8

Sample Output 2

450.00

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Submissions: 12

Max Score: 10

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Java 8



```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be
        named Solution. */
8     }
9 }
```

Line: 1 Col: 1

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