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HackerRank: 30 Days of Code Day 2: Operators

Day 2: Operators:

Objective:

In this challenge, you will work with arithmetic operators. Check out the Tutorial tab for learning materials and an instructional video.

Task:

Given the meal price (base cost of a meal), tip percent (the percentage of the meal price being added as tip), and tax percent (the percentage of the meal price being added as tax) for a meal, find and print the meal's total cost. Round the result to the nearest integer.

```
Example:
meal_cost = 100
tip_percentage = 15
tax_percentage = 8
```

A tip of 15% * 100 = 15, and the taxes are 8% * 100 = 8. Print the value and return from the function.

Function Description:

Complete the solve function in the editor below:

solve has the following parameters:

- int meal cost: the cost of food before tip and tax.
- int tip percent: the tip percentage.
- int tax percent: the tax percentage.

Returns The function returns nothing. Print the calculated value, rounded to the nearest integer.

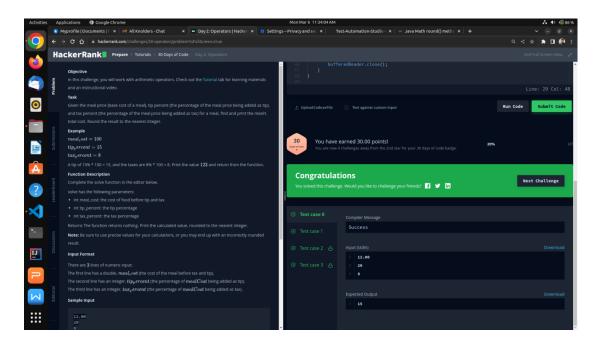
Solution:

```
import java.io.*;
import java.math.*;
import java.security.*;
import java.text.*;
import java.util.*;
import java.util.concurrent.*;
import java.util.function.*;
import java.util.regex.*;
import java.util.stream.*;
import static java.util.stream.Collectors.joining;
import static java.util.stream.Collectors.toList;
```

```
class Result {
   * Complete the 'solve' function below.
   * The function accepts following parameters:
  * 1. DOUBLE meal cost
   * 2. INTEGER tip percent
   * 3. INTEGER tax percent
   */
  public static void solve(double meal cost, int tip percent, int
tax percent) {
  // Write your code here
  double tip = meal cost * tip percent / 100;
  double tax = meal cost * tax percent / 100;
  double total cost = meal cost + tip + tax;
  System.out.println(Math.round(total cost));
}
public class Solution {
  public static void main(String[] args) throws IOException {
     BufferedReader bufferedReader = new BufferedReader(new
InputStreamReader(System.in));
     double meal cost =
Double.parseDouble(bufferedReader.readLine().trim());
     int tip percent =
Integer.parseInt(bufferedReader.readLine().trim());
     int tax percent =
Integer.parseInt(bufferedReader.readLine().trim());
     Result.solve(meal cost, tip percent, tax percent);
     bufferedReader.close();
  }
}
```

Output:





Result:

Program executed successfully .