



Challenge **Unit Testing With JUnit**

Veggie Pizza

Veggie Pizza delivers made-to-order vegetarian pizzas along with other sides and menu items. As a promotional offer, the pizza joint is providing a 10% discount on any purchase of \$50 or more.

Write a Java program to store the personal details and the order details of a customer. Also, calculate the order amount and the discount received.

Write test cases for the solution provided.

CHALLENGE



Tasks

- Create the test cases in the `PizzaOrderTest` class created in the test package.
- Initialize the object of the `PizzaOrder` class in the `setUp()` method, that will be called before execution of every test case.
- Set the object of `PizzaOrder` class initialized in setup method to null in the `tearDown()` method, that will be called after execution of every test case.

Tasks (cont'd)

Create the below test cases in the `PizzaOrderTest` class created in the test package.

1. `public void givenNoOfPizzaAndPriceOfPizzaCalculateTotalPriceSuccess()`
2. `public void givenNoOfGarlicBreadAndPriceOfGarlicBreadCalculateTotalPriceSuccess()`
3. `public void givenNoOfBeveragesAndPriceOfBeverageCalculateTotalPriceSuccess()`
4. `public void givenNoOfPizzaAndPriceOfPizzaCalculateTotalPriceFailure()`
5. `public void givenNoOfGarlicBreadAndPriceOfGarlicBreadCalculateTotalPriceFailure()`
6. `public void givenNoOfBeveragesAndPriceOfBeverageCalculateTotalPriceFailure()`
7. `public void givenSizeofPizzaReturnPrice()`
8. `public void givenPriceOfItemsCalculateTotalBillAmount()`
9. `public void givenTotalBillAmountGreaterThan50CalculateDiscount()`
10. `public void givenTotalBillLessThan50AmountCalculateDiscount()`