



Challenge

Introduction to Java, Variables, Datatypes, and Operators

Instructions for the Challenge

- This challenge will require the coding workbench environment.
- [Click here](#) to log in to the coding workbench.

Veggie Pizza

Veggie Pizza is a pizza delivery joint that has become popular for its custom-made vegetarian pizzas.

As a seasonal promotional offer, Veggie Pizza is currently giving a discount of 10% off on the total bill.

Write a Java program to store the personal details of a customer along with the order details.
Calculate the total bill after giving a 10% discount.

CHALLENGE



Tasks

- Write a Java class named **PizzaOrder** with the main method
- Declare and initialize values to the variables specified in the table below, inside the main method.
- Use appropriate data types for all the variables.

Variable Name	Values
customerName	Gary
customerEmail	gary@123.com
phoneNo	412312345
address	20, Marble Drive, Eville
noOfPizzasOrdered	5
pizzaPrice	\$12.5
pizzaSize	M
noOfGarlicBreadOrdered	3
garlicBreadPrice	\$5.99
noOfBeveragesOrdered	3
beveragePrice	\$1.99

Tasks (cont'd)

- Calculate the total price of the pizzas ordered, store the value in a variable of type float, and print the value on the console.
- Calculate the total price of the garlic bread ordered, store the value in a variable of type float, and print the value on the console.
- Calculate the total price of the beverages ordered, store the value in a variable of type float, and print the value on the console.

Tasks (cont'd)

- Calculate the total bill amount of all the items ordered and store it in a variable of type float and print the value on the console.
- Consider it to be true if the total bill amount is greater than or equal to \$100 or else consider it to be false and store the value in a boolean variable.

Tasks (cont'd)

- Calculate the discount of 10% off on the total bill amount.
- Display the customer details, the items ordered, the total bill amount, and the discounted bill amount in the invoice format displayed.

Expected Output

Customer Details

Customer Name : Gary
Customer Phone Number : 412312345
Customer email : gary@123.com
Customer Address : 20, Marble Drive, Eville

Order Summary

Sr no.	ItemName	ItemQuantity	\$Price/Unit	\$TotalPrice
1	Pizza	5	12.5	62.5
2	Garlic Bread	3	5.99	17.97
3	Beverages	3	1.99	5.9700003

Total Bill Amount: \$86.44

Discount offered : 10%

Amount to be paid: \$77.796005

Thank you