



Challenge  
**Implement**  
**Conditional Constructs**

## Veggie Pizza

Veggie Pizza delivers custom-made vegetarian pizzas. It has become quite popular over the years.

To keep track of its customers, the delivery joint wants to store their details in a database. Write a Java program that stores each customer's personal details and order history. The program should also calculate the bill amount for each item ordered.

## CHALLENGE



# Implementation Environment – Passing Scanner Inputs

- Provide the Scanner inputs in the terminal when the program is run.

```
!!! Welcome !!!  
!!! Enter customer details for placing an order !!!  
Enter your Name  
Gary  
Enter your Email  
gary.king@gmail.com  
Enter your ContactNo.  
412241123  
Enter your Address  
32, Longway drive  
  
!!! Thank you for providing your details !!!  
  
Select the item from the Main Menu  
  
Sl No    Item Category  
-----  
1) Pizza  
2) Garlic Bread  
3) Beverages  
Enter 1 for Pizza, 2 for Garlic Bread and 3 for Beverages  
1  
Please enter the number of pizza you want to order :  
3  
Your total Pizza Bill : $ 38.97
```



# Tasks

- Write a Java class named **PizzaOrder** using the main method.
- Accept the values of variables as input from the user using the `Scanner`.
- A few sample values are provided in the given table.
- Use appropriate data types for all the variables.

Variable Name	Sample Values
customerName	Gary
customerEmail	gary@123.com
phoneNo	412312345
address	20, Marble Drive, Eville
noOfPizzasOrdered	5
priceOfPizza	\$12.99
pizzaSize	M
noOfGarlicBreadOrdered	3
priceOfGarlicBread	\$5.99
noOfBeveragesOrdered	3
priceOfBeverage	\$1.99

# Tasks (cont'd)

- Display a menu as shown below to get the choice of item from the user.

```
Sl No    Item Category
-----
1) Pizza
2) Garlic Bread
3) Beverages
Enter 1 for Pizza, 2 for Garlic Bread and 3 for Beverages
```

# Tasks (cont'd)

- Based on the item selected by the user, calculate the total price of each item.
- Calculate the total price of pizzas ordered, store the value in a variable, and display it.
- Calculate the total price of garlic bread ordered, store the value in a variable, and display it.
- Calculate the total price of the beverages ordered, store the value in a variable, and display it.
- Display the details as shown below:

```
Sl No   Item Category
-----
1) Pizza
2) Garlic Bread
3) Beverages
Enter 1 for Pizza, 2 for Garlic Bread and 3 for Beverages
1
Please enter the number of pizza you want to order :
3
Your total Pizza Bill : $ 38.97
```

# Input and Output: 1

## Sample Input

Gary

gary@123.com

412312345

20, Marble Drive, Eville

1

5

## Expected Output

Note that the output must contain the below lines in the same format.

Your total Pizza Bill : \$ 64.95.

# Input and Output: 3

## Sample Input

Gary

gary@123.com

412312345

20, Marble Drive, Eville

3

3

## Expected Output

Note that the output must contain the below lines in the same format.

Your total Beverage Bill : \$ 5.9700003.