

Calder Pizza Company



Introduction

A local pizza company has contacted you for help in developing a application that calculates the cost of an ordered pizza.

They require a working soloution and a full documentation showing the process of how the soloution works.

The application, for development reasons, has been broken down into two main phases with an additonal challenge.

At each phase they would like to see, at minimum, a working application on the command line. However they would prefer asimple GUI interface as well.

Phase 1: Basic Functionality

The user is requested to provide what size of pizza they require:

- Small
- Medium
- Large

They are then asked how many toppings they require upto a maximum of three.

The application then calculates the total cost of their pizza and displays the order contents along with the cost.

Phase 2: Enhanced Functionality

Your soloution from Phase 1 now needs to be developed further into a newer application.

It now needs the following functionality added:

- The customer can select as many toppings from the list as the want.
- The application is now required to handle multiple pizzas per order.

Each order cost will need to be calculated and displayed.

Each order will require an itemised receipt to be generated listing all of the order. This will need to be saved as a txt file with the order number as the file name.

Additonal Requirements

Calder Pizza Company is also planning a delivery service.

Once Phase 1 and 2 are complete the require a demo showing how delivery functionality can be included in the application.

Delivery costs will need to be added to the order total and included on the receipt.

Supplied Data:

Prices:

- Pizza
 - Small
 - £5.50
 - Medium
 - £7.90
 - Large
 - £12
- Toppings
 - Pepperoni , Mushroom, Extra cheese, Sausage, Onion, Black olives, Green pepper, Fresh garlic, Tomato, Fresh basil
 - £0.75 per topping
- Delivery (Flat rate)
 - £3.75