

Pizza Order Program

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Introduction

This is a user guide for the program for “Fabulous Pizzas” that is designed to make pizza orders a lot more efficient, and it will hopefully give some guidance on how to use it properly.

Overall Layout of Program

Pizza Order Form (Form 1)

The screenshot shows the 'Fabulous Pizzas' application window. It features a light blue background with a pizza logo and contact information on the right. The left side contains input fields for customer details (First Name, Last Name, Rd. No. + Name, Town/Area, County, Post Code, Phone Number) and item selection (Pizzas, Drinks). Below these are buttons for 'Add to order', 'Display Receipt', 'Clear', and 'Exit'. A table on the right lists 'List of items ordered' and 'Prices'. A 'Total Price' field is at the bottom right. Red arrows point from text boxes to specific UI elements: 'Customer Details Section (Mandatory)' points to the top input fields; 'Item Selection' points to the Pizzas and Drinks dropdowns; 'Adds items to the order along with the prices and total price.' points to the 'Add to order' button; 'Reset and exit buttons.' points to the 'Clear' and 'Exit' buttons; 'Opens up the receipt.' points to the 'Display Receipt' button; 'A list of any items added to the order along with a list of the corresponding prices right next to it.' points to the table; and 'Adds up all of the item prices in the listbox and outputs the grand total of the order.' points to the 'Total Price' field.

Customer Details Section (Mandatory)

First Name
Last Name
Rd. No. + Name
Town/Area
County
Post Code
Phone Number

Items
Pizzas
8" 12" 16"
Drinks

Add to order
Display Receipt
Clear
Exit

List of items ordered
Prices

Reset and exit buttons.

Opens up the receipt.

A list of any items added to the order along with a list of the corresponding prices right next to it.

Total Price

Item Selection

Adds items to the order along with the prices and total price.

Adds up all of the item prices in the listbox and outputs the grand total of the order.

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Receipt (Form 2)

The screenshot shows a receipt window titled "Fabulous Pizzas". It contains the following sections:

- Customer Details:** A text box containing "Saagar Shah", "56 Stanmore Lane", "Stanmore", "Middlesex", "HA7 5JP", and "07487498749". An annotation points to this section: "Summary of customer details entered on the first form."
- Date/Time:** A date picker showing "02 May 2016" and a time picker showing "01:23". An annotation points to the time field: "Date and time of order".
- List of items ordered:** A list box containing "Deadly Hot Chilli - 16 Inches" and "Luscious Cola Drink". An annotation points to this list: "List of ordered items and prices of them."
- Prices:** A list box showing "£15.54" and "£1.85".
- Total Price:** A text box showing "£17.39". An annotation points to this field: "Total price of order."
- Contact Information:** Red text at the bottom right: "Contact Number: 02089283984", "Website: www.fabulouspizzas.co.uk", and "Address: 78 Camden Town Street, NW2 6UP".

Inputting Customer Details

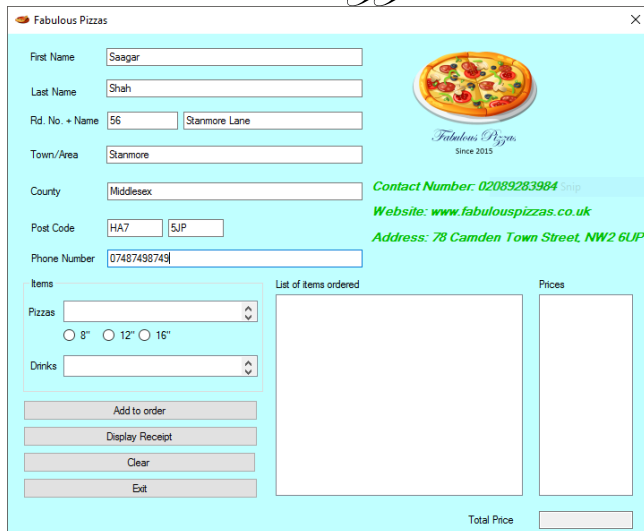
The customer detail fields are mandatory, therefore they must be filled in correctly by the staff members, otherwise the order will not be processed and the receipt will not be printed. A lot of validation and error messages have been added, so it is very difficult to enter customer details incorrectly.

The screenshot shows the input form for "Fabulous Pizzas". It has several text boxes for "First Name", "Last Name", "Rd. No. + Name", "Town/Area", "County", "Post Code", and "Phone Number". There are also radio buttons for "Pizzas" (8", 12", 16") and a "Drinks" text box. At the bottom are buttons for "Add to order", "Display Receipt", "Clear", and "Exit". Three error messages are displayed as dialog boxes:

- "Please enter an 11 digit phone number!" (pointing to the Phone Number field)
- "The first name field is empty!" (pointing to the First Name field)
- "The first name field must not contain any numerical values!" (pointing to the First Name field)



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Fabulous Pizzas

First Name: Saagar
 Last Name: Shah
 Rd. No. + Name: 56 Stanmore Lane
 Town/Area: Stanmore
 County: Middlesex
 Post Code: HA7 5JP
 Phone Number: 07487498749

Contact Number: 02089283984
 Website: www.fabulouspizzas.co.uk
 Address: 78 Camden Town Street, NW2 6UP

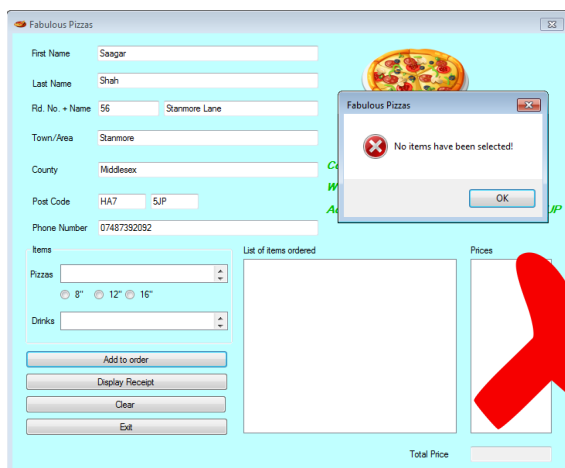
Items:
 Pizzas: 8" 12" 16"
 Drinks: Lusc. Cola

Add to order
 Display Receipt
 Clear
 Exit

List of items ordered:
 Prices:
 Total Price: £17.39

Ordering Items

When you click on add to order, if there are no selected items (pizzas or drinks), then the program will output an error message. If a pizza is selected, but no size has been selected, then the program will output another error message.



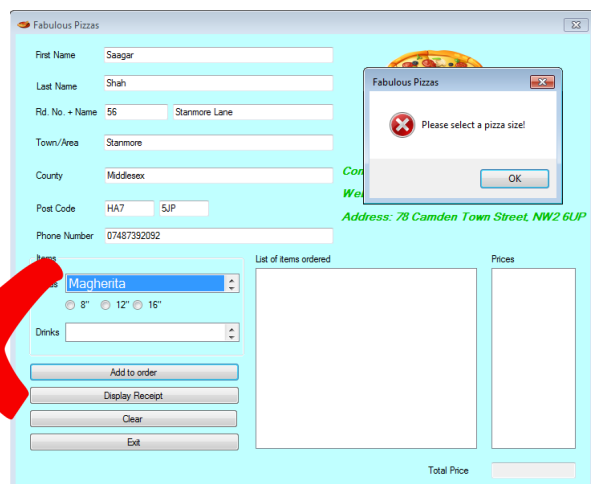
Fabulous Pizzas

First Name: Saagar
 Last Name: Shah
 Rd. No. + Name: 56 Stanmore Lane
 Town/Area: Stanmore
 County: Middlesex
 Post Code: HA7 5JP
 Phone Number: 07487392092

Items:
 Pizzas: 8" 12" 16"
 Drinks: Lusc. Cola

Add to order
 Display Receipt
 Clear
 Exit

List of items ordered:
 Prices:
 Total Price: £17.39



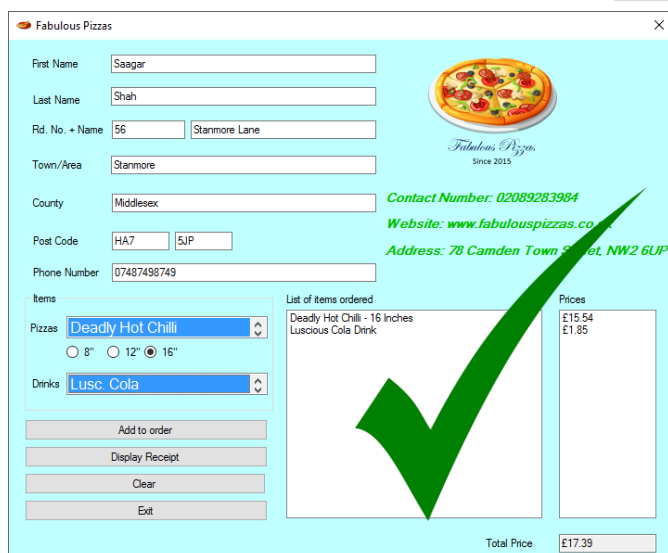
Fabulous Pizzas

First Name: Saagar
 Last Name: Shah
 Rd. No. + Name: 56 Stanmore Lane
 Town/Area: Stanmore
 County: Middlesex
 Post Code: HA7 5JP
 Phone Number: 07487392092

Items:
 Pizzas: 8" 12" 16"
 Drinks: Lusc. Cola

Add to order
 Display Receipt
 Clear
 Exit

List of items ordered:
 Prices:
 Total Price: £17.39



Fabulous Pizzas

First Name: Saagar
 Last Name: Shah
 Rd. No. + Name: 56 Stanmore Lane
 Town/Area: Stanmore
 County: Middlesex
 Post Code: HA7 5JP
 Phone Number: 07487498749

Contact Number: 02089283984
 Website: www.fabulouspizzas.co.uk
 Address: 78 Camden Town Street, NW2 6UP

Items:
 Pizzas: Deadly Hot Chili
 Drinks: Lusc. Cola

Add to order
 Display Receipt
 Clear
 Exit

List of items ordered:
 Prices:
 Total Price: £17.39

If at least one item is selected, then when add to order is clicked, that item will be added to the ordered items list, the corresponding price will be displayed in the item prices list box next to it, and each time an item is added to the order, the total price will keep updating. The customer can choose between pizzas, drinks or both. They can also order as many items as they want.

Saagar Shah
 Unit 14 (P4)

02 May 2016

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Clearing form

When the clear button is clicked, all fields, list boxes and selected items will be cleared and the program will be reset. This is good if the customer would like to start their order again or if the customer cancels their order.

The screenshot shows the 'Fabulous Pizzas' application window. The form is filled with the following data:

- First Name: Saagar
- Last Name: Shah
- Rd. No. + Name: 56 Stanmore Lane
- Town/Area: Stanmore
- County: Middlesex
- Post Code: HA7 5UP
- Phone Number: 07487392092

The 'Items' section shows:

- Pizzas: Deadly Hot Chilli (selected)
- Drinks: Lusc. Cola (selected)

The 'List of items ordered' table is as follows:

Items	Prices
Luscious Cola Drink	£1.85
Luscious Cola Drink	£1.85
Magherita - 16 inches	£13.59
Magherita - 12 inches	£11.59
Luscious Vegetarian Delight - 12 inches	£12.49
Deadly Hot Chilli - 16 inches	£15.54
Deadly Hot Chilli - 12 inches	£15.54
Luscious Cola Drink	£1.85

The 'Total Price' is £74.30.

The screenshot shows the 'Fabulous Pizzas' application window with the form cleared. All input fields are empty, and the 'List of items ordered' table is also empty. The 'Total Price' is £0.00.

Exiting form

When the exit button is clicked, the program will open up a yes, no, cancel message box where the user can confirm their decision.

The screenshot shows the 'Fabulous Pizzas' application window with the exit confirmation dialog box open. The dialog box has the title 'Fabulous Pizzas' and the message 'Are you sure you want to quit?'. It has three buttons: 'Yes', 'No', and 'Cancel'.

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Displaying the receipt

If the display button is clicked, and one or more of the customer detail fields are empty or if there are not enough characters, then the program will output error messages where appropriate, for example:

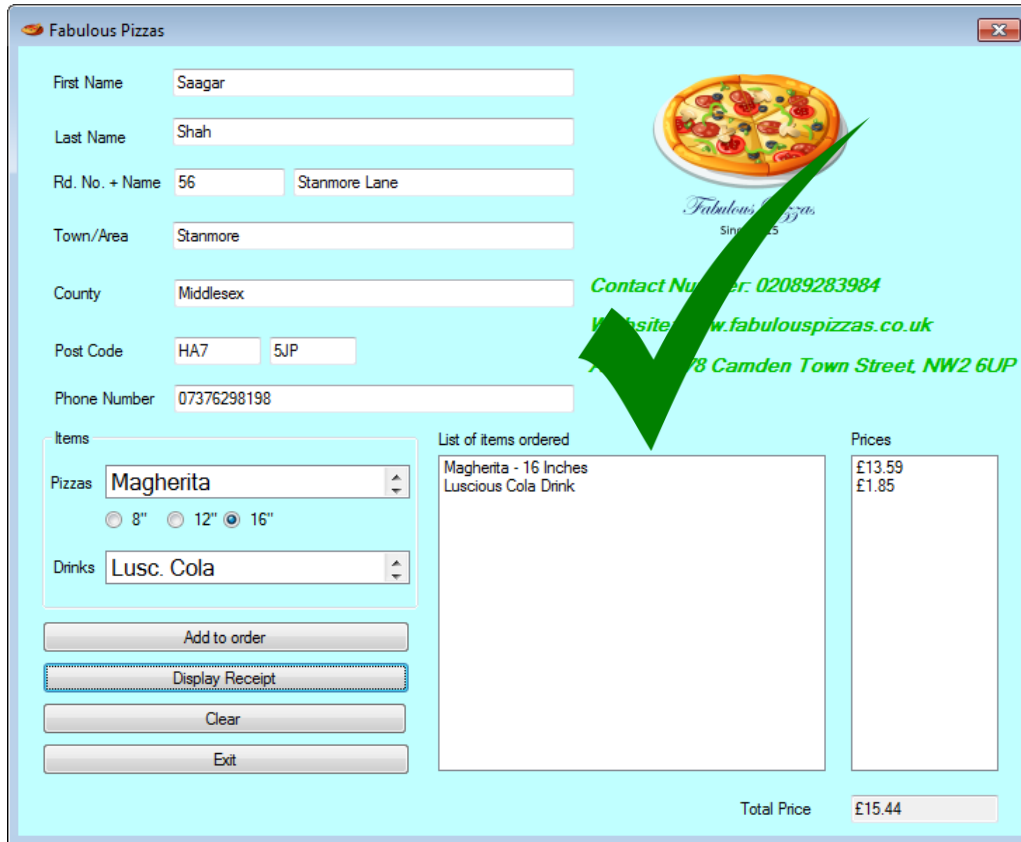
The screenshot shows the 'Fabulous Pizzas' application window. The customer detail fields (First Name, Last Name, Rd. No. + Name, Town/Area, County, Post Code, Phone Number) are empty. A modal dialog box with the title 'Fabulous Pizzas' is displayed in the center, containing a red 'X' icon and the message 'The first name field is empty!'. The dialog has an 'OK' button. The background application window shows a pizza image, contact information (Contact Number: 02089283984, Website: www.fabulouspizzas.co.uk), and buttons for 'Add to order', 'Display Receipt', 'Clear', and 'Exit'. The 'Display Receipt' button is highlighted in blue.

If the customer details are filled but there are no items added to the order, then the program will output another error message when appropriate.

The screenshot shows the 'Fabulous Pizzas' application window with customer details filled in: First Name: Saagar, Last Name: Shah, Rd. No. + Name: 56 Stanmore Lane, Town/Area: Stanmore, County: Middlesex, Post Code: HA7 5JP, Phone Number: 07376298198. The 'Items' section shows 'Pizzas' and 'Drinks' dropdown menus, with size options (8", 12", 16") for pizzas. A modal dialog box with the title 'Fabulous Pizzas' is displayed in the center, containing a red 'X' icon and the message 'No items have been selected!'. The dialog has an 'OK' button. The background application window shows a pizza image, contact information, and buttons for 'Add to order', 'Display Receipt', 'Clear', and 'Exit'. The 'Display Receipt' button is highlighted in blue.

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If all requirements have been met, then the receipt will be displayed, where you can see a summary of the customer details and the order details, as well as the date and time of the order.



Fabulous Pizzas

First Name: Saagar
Last Name: Shah
Rd. No. + Name: 56 Stanmore Lane
Town/Area: Stanmore
County: Middlesex
Post Code: HA7 5JP
Phone Number: 07376298198

Items:
Pizzas: Magherita
8" 12" 16"
Drinks: Lusc. Cola

Buttons: Add to order, Display Receipt, Clear, Exit

List of items ordered:
Magherita - 16 Inches
Luscious Cola Drink

Prices:
£13.59
£1.85

Total Price: £15.44

Contact Number: 02089283984
Website: www.fabulouspizzas.co.uk
Address: 78 Camden Town Street, NW2 6UP



Fabulous Pizzas

Customer Details:
Saagar Shah
56 Stanmore Lane
Stanmore
Middlesex
HA7 5JP
07376298198

Date/Time: 28 April 2016 10:25

List of items ordered:
Magherita - 16 Inches
Luscious Cola Drink

Prices:
£13.59
£1.85

Total Price: £15.44

Contact Number: 02089283984
Website: www.fabulouspizzas.co.uk
Address: 78 Camden Town Street, NW2 6UP