# 91896 - L2 Testing Evidence

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| **Test data** | **Expected results** | **Actual results** |
| Order Type: 1 | Prints “delivery”  Moves on to name |  |
| Order Type: 2 | Prints “click and collect”  Moves on to name |  |
| Order Type: 0 | Prints “The order must be between 1 and 2”  Asks for input again |  |
| Order Type: 3 | Prints “The order must be between 1 and 2”  Asks for input again |  |
| Order Type: 9 | Prints “The order must be between 1 and 2”  Asks for input again |  |
| Order Type: cat | Prints “This is not a valid number”  Prints “The order must be between 1 and 2”  Asks for input again |  |
| Order Type: 2  Name: ryanne | Prints “Ryanne”  Moves on to phone number |  |
| Order Type: 2  Name: <blank> | Prints “Input must only contain letters”  Asks for input again |  |
| Order Type: 2  Name: (numbers) | Prints “Input must only contain letters”  Asks for input again |  |
| Order Type: 2  Name: ryanne  Phone Number: 1234567 | Prints “Ryanne”  Prints “1234567”  Prints cake menu |  |
| Order Type: 2  Name: ryanne  Phone Number: <blank> | Prints “Ryanne”  Prints “Please enter a number”  Asks for input again |  |
| Order Type: 2  Name: ryanne  Phone Number: cat | Prints “Ryanne”  Prints “Please enter a number”  Asks for input again | A screenshot of a computer program  Description automatically generated |
| Order Type: 1  Name: ryanne  Phone Number: 1234567 | Prints “Ryanne”  Prints “1234567”  Moves on to house number |  |
| Order Type: 1  Name: ryanne  Phone Number: <blank> | Prints “Ryanne”  Prints “Please enter a number”  Asks for input again |  |
| Order Type: 1  Name: ryanne  Phone Number: cat | Prints “Ryanne”  Prints “Please enter a number”  Asks for input again |  |
| Order Type: 1  Name: ryanne  Phone Number: 1234567  House Number: 12 | Prints “Ryanne”  Prints “1234567”  Prints “12”  Moves on to street name |  |
| Order Type: 1  Name:  Phone Number:  House Number: <blank> | Prints “Ryanne”  Prints “1234567”  Prints “This cannot be blank”  Asks for input again |  |
| Order Type: 1  Name: ryanne  Phone Number: 1234567  House Number: 12  Street Name: rocky | Prints “Ryanne”  Prints “1234567”  Prints “12”  Prints “Rocky”  Moves on to suburb |  |
| Order Type: 1  Name: ryanne  Phone Number: 1234567  House Number: 12  Street Name:<blank> | Prints “Ryanne”  Prints “1234567”  Prints “12”  Prints “Input must only contain letters”  Asks for input again | A screenshot of a computer  Description automatically generated |
| Order Type: 1  Name: ryanne  Phone Number: 1234567  House Number: 12  Street Name:123456 | Prints “Ryanne”  Prints “1234567”  Prints “12”  Prints “Input must only contain letters”  Asks for input again |  |
| Order Type: 1  Name: ryanne  Phone Number: 1234567  House Number: 12  Street Name: rocky  Suburb: road | Prints “Ryanne”  Prints “1234567”  Prints “12”  Prints “Rocky”  Prints “Road”  Moves on to print cake menu |  |
| Order Type: 1  Name: ryanne  Phone Number: 1234567  House Number: 12  Street Name: rocky  Suburb:<blank> | Prints “Ryanne”  Prints “1234567”  Prints “12”  Prints “Rocky”  Prints “input must only contain letters”  Asks for input again |  |
| Order Type: 1  Name: ryanne  Phone Number: 1234567  House Number: 12  Street Name: rocky  Suburb:123456 | Prints “Ryanne”  Prints “1234567”  Prints “12”  Prints “Rocky”  Prints “input must only contain letters”  Asks for input again |  |
| How many cakes: 1-12 | Prints next question a specific amount of times according to the number entered  Eg. Want to order 1 cake -> prints “Please choose your cake(s)” once  Prints customer details, order details, and total order cost (including delivery charge if order is for delivery)  Moves on to confirm or cancel order |  |
| How many cakes: <blank> | Prints “This is not a valid number”  Prints “The number must be between 1 and 12”  Asks for input again |  |
| How many cakes: 0 | Prints “The number must be between 1 and 12”  Asks for input again | A black screen with white text  Description automatically generated |
| How many cakes: 6 | Prints next prompt “Please choose your cake(s) from the menu above” 6 times  Prints customer details, order details, and total order cost (excluding delivery charge since orders with over 5 cakes are delivered for free)  Moves on to confirm or cancel order |  |
| How many cakes: cat | Prints “This is not a valid number”  Prints “The number must be between 1 and 12”  Asks for input again | A black background with white text  Description automatically generated |
| Choose cake from menu:  1-12 | Prints the cake chosen  Eg. Entered 1, prints vanilla cake $35.00  If more than 1 cake was ordered, prints the same prompt until all orders are done  Prints customer details, order details, and total cost of order  Moves on to confirm or cancel order | A black screen with white text  Description automatically generated |
| Choose cake from menu:  <blank> | Prints “This is not a valid number”  Prints “The number must be between 1 and 12”  Asks for input again |  |
| Choose cake from menu:  0 | Prints “The number must be between 1 and 12”  Asks for input again | A black background with white text  Description automatically generated |
| Choose cake from menu:  13 | Prints “The number must be between 1 and 12”  Asks for input again | A black background with white text  Description automatically generated |
| Choose cake from menu:  cat | Prints “This is not a valid number”  Prints “The number must be between 1 and 12”  Asks for input again | A black background with white text  Description automatically generated |
| cake menu counts through correct number of cake | Prints correct index number  Prints customer details, order details, and total order cost | A screenshot of a menu  Description automatically generated |
| Correct pizza and price print as they are ordered | Prints correct cake with matching price  Goes on to print customer details, order details, and total cost of order | A black screen with white text  Description automatically generatedA black background with white text  Description automatically generated |
| Correct customer details are printed | Prints customer details correctly  Moves on to confirm or cancel order | A black background with white text  Description automatically generated |
| Correct cakes are ordered | Prints the cakes that were chosen  Prints customer details, order details, and total cost of order  Moves on to confirm or cancel order | A black screen with white text  Description automatically generatedA black background with white text  Description automatically generated |
| Total cost is correct | Prints total cost of order correctly | A black background with white text  Description automatically generated |
| Delivery charge is shown and added to the total cost | Prints total cost of order correctly, also accounts for $9 delivery charge for orders with less than 5 cakes | A black screen with white text  Description automatically generated |
| Confirm Order: 1 | Prints “Order Confirmed”  Prints “your order has been sent to our bakery”  Prints “Your cake(s) will be with you shortly”  Moves on to new order or exit bot |  |
| Confirm Order: 2 | Prints “Order Cancelled”  Prints “You can restart your order or exit the BOT”  Moves on to new order or exit bot |  |
| Confirm Order: <blank> | Prints “This is not a valid number”  Prints “The number must be between 1 and 2”  Asks for input again |  |
| Confirm Order: 0 | Prints “The number must be between 1 and 2”  Asks for input again |  |
| Confirm Order: 3 | Prints “The number must be between 1 and 2”  Asks for input again |  |
| Confirm Order: cat | Prints “This is not a valid number”  Prints “The number must be between 1 and 2”  Asks for input again |  |
| Confirm Order: 1  Start new order: 1 | Prints “Order Confirmed”  Prints “Your order has been sent to our bakery”  Prints “Your cake(s) will be with you shortly”  Prints “New Order”  Restarts program |  |
| Confirm Order: 1  Start new order: 2 | Prints “Order Confirmed”  Prints “Your order has been sent to our bakery”  Prints “Your cake(s) will be with you shortly”  Prints “Exit”  Ends program |  |
| Confirm Order: 1  Start new order: <blank> | Prints “Order Confirmed”  Prints “Your order has been sent to our bakery”  Prints “Your cake(s) will be with you shortly”  Prints “This is not a valid number”  Prints “The number must be between 1 and 2”  Asks for input again |  |
| Confirm Order: 1  Start new order: 0 | Prints “Order Confirmed”  Prints “Your order has been sent to our bakery”  Prints “Your cake(s) will be with you shortly”  Prints “The number must be between 1 and 2”  Asks for input again |  |
| Confirm Order: 1  Start new order: 3 | Prints “Order Confirmed”  Prints “Your order has been sent to our bakery”  Prints “Your cake(s) will be with you shortly”  Prints “The number must be between 1 and 2”  Asks for input again |  |
| Confirm Order: 1  Start new order: cat | Prints “Order Confirmed”  Prints “Your order has been sent to our bakery”  Prints “Your cake(s) will be with you shortly”  Prints “This is not a valid number”  Prints “The number must be between 1 and 2”  Asks for input again |  |
| Check that lists have been cleared for new transaction | Program should restart  Asks for input again |  |
| Start new order: 2  Check that program exits | Prints “exit”  Program stops |  |
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| **Below - List Bugs and/or Improvements found as a result of testing** | | |
| Accepts numbers for street name  Invalid input  10  Valid input  rocky | Fixed this bug by adding string validator to ensure that the input only contains letters  When input is an integer, prints “Input must only contain letters” and asks for input again  When input is a string, prints “Rocky” |  |
| Accepts numbers for name  Invalid input  0  Valid input  Ryanne | Fixed this bug by adding string validator to ensure that the input only contains letters  When input is an integer, prints “Input must only contain letters” and asks for input again  When input is a string, prints “Ryanne” |  |
| Accepts numbers for suburb  Invalid input  12  Valid input  road | Fixed this bug by adding string validator to ensure that the input only contains letters  When input is an integer, prints “Input must only contain letters” and asks for input again  When input is a string, prints “Road” |  |
| Accepts any string as a phone number  Invalid input  Ryanne  Valid input  1234567 | Fixed this bug by adding integer validator to ensure that the input only contains numbers  When input is a string, prints “Please enter a number” and asks for input again  When input is an integer, prints “1234567” |  |
| phone number could be less than 7 numbers or more than 10 numbers  invalid inputs  123456  12345678910  Valid input  1234567 | Fixed this bug by adding phone number validator to ensure that the input only contains numbers and must be between 7-10 digits  When input is integer with less than 7 numbers or more than 10, prints “NZ phone numbers have between 7 and 10 digits” and asks for input again  When input is integer and within boundary, prints “1234567” |  |
| Accepts spacebar as valid input  Name (string validator)  Phone (phone number validator)  House number (not blank validator)  Street name (string validator)  Suburb (string validator) | Fixed this bug by using the string validator, integer validator, phone number validator and not blank validator.  String validator only accepts letters. However, spaces are not allowed in between words when entering street name and suburb.  Integer validator only allows numbers.  Phone number validator allows numbers with boundaries so input must be between 7-10 digits.  Not blank validator allows for custom house numbers eg. 12a.  Prints “Input must only contain letters” and asks for input again  Prints “please enter a number” and asks for input again  Prints “This cannot be blank” and asks for input again  Prints “input must only contain letters” and asks for input again  Prints “input must only contain letters” and asks for input again | A black background with white text  Description automatically generated  A black background with white text  Description automatically generated |
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Achieved - expected inputs 1 or 2 – 0 or 3

Merit – Boundary 0 or 3 pizza menu 1 and 12 - 0 and 13

Excellence invalid – blank or letter rather than a number blank -special character