# **91896 - L2 Testing Evidence**

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| **Test data** | **Expected results** | **Actual results** |
| Order Type: 1 | Prints click and collect  Moves to ask for name |  |
| Order Type: 2 | Prints delivery  Moves to ask for name |  |
| Order Type: 0 | Asks for number between 1 and 2 |  |
| Order Type: 3 | Asks for number between 1 and 2 |  |
| Order Type: 9 | Asks for number between 1 and 2 |  |
| Order Type: cat | That is not a valid number.  Enter a number between 1 and 2 |  |
| Order Type: <blank> | That is not a valid number.  Enter a number between 1 and 2 |  |
| Order Type: % | That is not a valid number. Enter a number between 1 and 2 |  |
| **Test data** | **Expected results** | **Actual results** |
| Order Type: 1  Name: Danett | Prints name and moves on to phone number |  |
| Order Type: 1  Name: <blank> | This cannot be blank. Enter name again. |  |
| Order Type: 1  Name: $ | That is not a valid number. Enter name again. | **Bug - Accepts letters** |
| Order Type: 1  Name: (numbers) | Input letters only. Enter name again | **Bug - Accepts numbers** |
| Order Type: 1  Name: Danett  Phone Number: 20202020 | Prints phone number and moves on to display menu.  Asks how many nuts you want to order (1-12) |  |
| Order Type: 1  Name: Danett  Phone Number: <bank> | This cannot be blank. Enter phone number again. |  |
| Order Type: 1  Name: Danett  Phone Number: &&&&& | Input integers only. Enter phone number again. | **Bug – Accepts letters and any string as phone number.** |
| Order Type: 1  Name:  Phone Number: cat | Input integers only. Enter phone number again. | **Bug – Accepts letters and any string as phone number.** |
| **Test data** | **Expected results** | **Actual results** |
| Order Type: 2  Name: Danett  Phone Number: 20202020 | Prints phone number and moves on to house number |  |
| Order Type: 2  Name: Danett  Phone Number: <blank> | This cannot be blank. Enter phone number again. |  |
| Order Type: 1  Name: Danett  Phone Number: &&&&& | Input integers only. Enter phone number again. | **Bug – Accepts letters and any string as phone number.** |
| Order Type: 2  Name:  Phone Number: cat | Input integers only. Enter phone number again. | **Bug – Accepts letters and any string as phone number.** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21 | Prints house number and moves on to street name |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: <blank> | This cannot be blank. Enter house number again. |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: ## | Input integers only. Enter house number again. | **Bug – Accepts letters and any string as phone number.** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: cat | Please input integers only. Enter house number again | **Bug – Accepts letters** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry | Prints street name and moves on to suburb. |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name:<bank> | This cannot be blank. Enter street name again. |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: $$ | Input letters only please. Enter street name again. | **Bug – Accepts special characters** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name:123456 | Input letters only please. Enter street name again. | **Bug – Accepts letters** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry  Suburb: Howick | Prints street name and moves on to display nuts menu. Asks how many nuts you want to order (1-12). |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry  Suburb:<blank> | This cannot be blank. Enter suburb again. |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry  Suburb: %%% | Input letters only. Enter suburb again. | **Bug – Accepts special characters.** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry  Suburb:123456 | Input letters only. Enter suburb again. | **Bug – Accepts integers.** |
| **Test data** | **Expected results** | **Actual results** |
| How many nuts: (1-12) | Prints the amount of nuts wanted and moves on to choosing which nuts from menu. |  |
| How many Nuts: <blank> | That is not a valid number. Please enter number between 1 and 12. |  |
| How many nuts: 0 | Please enter a number between 1 and 12. |  |
| How many nuts: 13 | Please enter a number between 1 and 12. |  |
| How many nuts: cat | That is not a valid number. Please enter a number between 1 and 12. |  |
| How many nuts: % | That is not a valid number. Please enter a number between 1 and 12. |  |
| Choose nuts from menu:  1-12 | Proceeds with chosen number and moves on to choosing next nut. |  |
| Choose nuts from menu: 1 | Proceeds with chosen nut and prints customer details. Asks to confirm order. |  |
| Choose nuts from menu:  <blank> | That is not a valid number. Please enter a valid number between 1 and 12. |  |
| Choose nuts from menu:  0 | Please enter a number between 1 and 12 |  |
| Choose nuts from menu:  13 | Please enter a number between 1 and 13 |  |
| Choose nuts from menu:  cat | That is not a valid number. Please enter a valid number between 1 and 12. |  |
| Choose nuts from menu:  % | That is not a valid number. Please enter a valid number between 1 and 12. |  |
| **Test data** | **Expected results** | **Actual results** |
| Nuts menu counts through correct number of nuts | The nuts menu counts through correct number of nuts (total of 12 nuts, showing 1-12 instead of 0-11) |  |
| Added and introduced new type of nut (e.g., coconut) with the price | Program adds the new nut to the count (12 nuts to 13 nuts) and continues to run properly – asks for how many nuts. | **Bug – Program breaks down and stops responding** |
| Deleted a nut (including price) from the nuts\_names without changing nuts\_prices | Program deletes the new nut from the count (12 nuts to 11 nuts) and continues to run properly – asks for how many nuts. | **Bug – Program breaks down and stops responding** |
| Correct nuts and price print as they are ordered | Nuts type and price are correlated and correct when ordered (printed correctly from 1-12). |  |
| **Test data** | **Expected results** | **Actual results** |
| Correct customer details are printed – Click and Collect -----------------------------------------  e.g.,  Name: Danett  Phone Number: 20202020 | Correct customer details are printed correctly  -----------------------------------------------  (e.g.) prints:  Your order is for Click and Collect  Name: Danett  Phone Number: 20202020 |  |
| Correct customer details are printed – Delivery -----------------------------------------  e.g.,  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry  Suburb: Howick | Correct customer details are printed correctly  -----------------------------------------------  (e.g.) prints:  Your order is for Delivery  Name: Danett  Phone Number: 20202020  Address: 21 Barry Howick |  |
| Correct nuts are ordered  (e.g.) Choose your nut: 4 | Correct nuts are printed when ordered - choosing number (e.g., 4 would print Almonds) | ------------------------------------------------------- |
| Total cost is correct - Click and Collect  (e.g., Nuts 4 and 6 = $19) | Total cost of nuts order is correct. |  |
| Delivery charge is shown and added to the total cost  -----------------------------------------  Nuts ordered: 4 | Delivery charge shown on customer details and added to total cost |  |
| Delivery charge is shown and added to the total cost  -----------------------------------------  Nuts ordered: 5 | No delivery shown on customer details and $9 *not* added to total cost. |  |
| **Test data** | **Expected results** | **Actual results** |
| Confirm Order: 1 | Prints “Order Confirmed” and moves on to start a new order or exit program. |  |
| Confirm Order: 2 | Prints “Your order has been cancelled” and moves on to start a new order or exit program |  |
| Confirm Order: <blank> | That is not a valid number. Please enter a number between 1 and 2 |  |
| Confirm Order: 0 | Please enter a number between 1 and 2. |  |
| Confirm Order: 3 | Please enter a number between 1 and 2. |  |
| Confirm Order: cat | That is not a valid number. Please enter a number between 1 and 2. |  |
| Confirm Order: % | That is not a valid number. Please enter a number between 1 and 2. |  |
| **Test data** | **Expected results** | **Actual results** |
| Confirm Order: 1  Start new order or exit: 1 | Prints “New Order” and proceeds to welcome message. |  |
| Confirm Order: 1  Start new order or exit: 2 | Exits the program. |  |
| Confirm Order: 1  Start new order or exit: <blank> | That is not a valid number. Enter a number between 1 and 2. |  |
| Confirm Order: 1  Start new order or exit: 0 | Please enter a number between 1 and 2 |  |
| Confirm Order: 1  Start new order: 3 | Please enter a number between 1 and 2 |  |
| Confirm Order: 1  Start new order: cat | That is not a valid number. Please enter a number between 1 and 2 |  |
| Start new order: 2  Check that program exits | Prints exit and program exits. |  |
| **Below - List Bugs and/or Improvements found as a result of testing *(FIXED)*** | | |
| **Accepts numbers for street name** |
| Order Type: 1/2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: $$ | Input letters only please. Enter street name again. |  |
| Order Type: 1/2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name:123456 | Input letters only please. Enter street name again. |  |
| **Accepts numbers and special characters (invalid) for name** |
| Order Type: 1/2  Name: $ | That is not a valid number. Enter name again. |  |
| Order Type: 1/2  Name: (numbers) | Input letters only. Enter name again |  |
| **Accepts any string as a phone number** |
| Order Type: 1/2  Name: Danett  Phone Number: &&&&& | Input integers only. Enter phone number again. |  |
| Order Type: 1/2  Name:  Phone Number: 333dd333 | Input integers only. Enter phone number again. |  |
| Order Type: 1/2  Name:  Phone Number: cat | Input integers only. Enter phone number again. |  |
| **Accepts any string for house number.** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: ## | Input integers only. Enter house number again. |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: cat | Please input integers only. Enter house number again |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: a2 | Please input integers only. Enter house number again |  |
| **Accepts any string for suburb** |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry  Suburb: %%% | Input letters only. Enter suburb again. |  |
| Order Type: 2  Name: Danett  Phone Number: 20202020  House Number: 21  Street Name: Barry  Suburb:123456 | Input letters only. Enter suburb again. |  |
| **Program stops working when nut is added/deleted** |
| Added and introduced new type of nut (e.g., coconut) with the price | Program adds the new nut to the count (12 nuts to 13 nuts) and continues to run properly – asks for how many nuts. |  |
| Deleted a nut (including price) from the nuts\_names without changing nuts\_prices | Program deletes the new nut from the count (12 nuts to 11 nuts) and continues to run properly – asks for how many nuts. |  |

Achieved - expected inputs 1 or 2 – 0 or 3

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

Excellence invalid – blank or letter rather than a number blank - special character (e.g., $, %)