

University of Westminster (IIT)

BSc (Hons) in Computer Science

**Module: 5COSC019C.**

**Object Oriented Programing**

**. Dr. Binshan Lin**

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Link to video:

<https://youtu.be/pR24B5Pq_Do>

**Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Test Case** | **Expected Results** | **Actual Results** | **Pass / Fail** |
| **1** | Console Menu | Console menu open successfully. | Console menu open successfully. | Pass |
| **2** | Add a new product to the cart.  Enter 1 to add Product: 1  Enter product type (1 for Electronics, 2 for Clothing): 1  Enter product ID:  B234  Enter product name:  TV  Enter available items:  5  Enter price:  290.99  Enter brand:  Samsung  Enter warranty period (Weeks):  96 | Product added successfully. | Product added successfully. | Pass |
| **3** | Print added product on console  Enter 2 to print:  2 | Added products printed successfully. | Added products printed successfully. | Pass |
| **4** | Delete a product  Enter 3 to Delete:  3  Enter product ID to delete:  B234  Product removed: TV | Remove the product successfully by showing the product name. | Remove the product successfully by showing the product name. | Pass |
| **5** | Save to a file:  Enter 4 to Save to file:  4 | Save added products Successfully. | Save added products Successfully. | Pass |
| **6** | Load from file:  Enter 5 to load from file: 5 | Successfully load previously saved data to console. | Successfully load previously saved data to console. | Pass |
| **7** | Exit from the console:  Enter 0 to exit: 0 | Exit from the console Successfully. | Exit from the console Successfully. | Pass |
| **8** | Enter other than these numbers:  8 | Show a massage invalid input. | Show a massage invalid input. | Pass |
| **9** | The GUI is open and a list of  products with the information  as per specification has been  displayed | The GUI is open and a list of  products with the information  as per specification has been  displayed | The GUI is open and a list of  products with the information  as per specification has been  displayed | Pass |
| **10** | User can select from the drop-down menu and filter. (All, Electronics, Clothes) | User can select from the drop-down menu and filter. (All, Electronics, Clothes) | User can select from the drop-down menu and filter. (All, Electronics, Clothes) | Pass |
| **11** | Items with low availability (<= 3) display in red. | Items with low availability (<= 3) display in red. | Items with low availability (<= 3) display in red. | Pass |
| **12** | The user can select a product and all the details are displayed as per specification in the below panel. | The user can select a product and all the details are displayed as per specification in the below panel. | The user can select a product and all the details are displayed as per specification in the below panel. | Pass |
| **13** | The user can add products to the shopping cart. | The user can add products to the shopping cart. | The user can add products to the shopping cart. | Pass |
| **14** | The final price display correctly by giving discounts. | The final price display correctly by giving discounts. | The final price display correctly by giving discounts. | Pass |