**Test 2 - Test Log**

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| **Description of test** | **Test data to be used (if required)** | **Expected outcome** | **Actual outcome** | **Comments and intended actions** |
| **Running function opening** | **N/A** | **When the program is run, the first function to be called (opening) should initialize without error** | **Syntax error as there is an unexpected indent on line 10** | **Removed the unexpected indentations, opening worked as intended** |
| **Options function** | **1 or 2** | **Chooses whether you want savings plan or stock investment** | **Works as expected** | **All is well** |
| **Option 1, savingsMain function** | **Data entered in opening function** | **Converts opening functions variables into the savings main variables and creates a new variable for yearly investment by multiplying investsum by 12** | **Syntax error as invalid data type** | **Added a infinite while loop that checks if the data entered is a digit, and if it is converts it to an int then breaks, otherwise asks user to re enter data.** |
| **Option 2** | **Data entered in opening function** | **Goes to option 2 stocksMain** | **Syntax error as StockMain not defined** | **Typo in the function as it I called within options, changed to StocksMain and then it worked as intended** |
| **savingsPrint At the end of savingsMain** | **N/A** | **Prints personal investment quote nonsense, then calls savingsMin and savingsMax.** | **Works as expected.** |  |
| **stocksPrint At the end of stocksMain** | **N/A** | **Prints personal investment quote nonsense, then calls stocksMin and stocksMax.** | **Works as expected.** |  |
| **savingsMin** | **SavingsMain variables** | **Defines the predicted returns and yearly fees (minimum expected returns), then multiplies the total invested by the predicted returns, which are then added to the starting amount and subtracted by the yearly fees and outputs how much money you will have over 10 years every 5 years.** | **Works as expected.** |  |
| **savingsMax** | **SavingsMain variables** | **Same as savingsMin but the maximum expected returns** | **Works as expected.** |  |
| **stocksMin** | **StocksMain variables** | **Defines the predicted returns and yearly fees, and the tax rate determined by how much money is entered with the income tax band (minimum expected returns), then multiplies the total invested by the predicted returns, which are then added to the starting amount and subtracted by the yearly fees and outputs how much money you will have over 10 years every 5 years.** | **Works as expected.** |  |
| **stocksMax** | **StocksMain variables** | **Same as stocksMin but the maximum expected returns** | **Works as expected.** |  |