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Introduction to Programming Concepts

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| **Input** | **Process** | **Output** |
| Make a choice from the menu.  Enter how many numbers you want to input for calculations.  Enter values for each individual number. | Determine user’s choice to either [1] enter numbers for input, [2] add the entered numbers together, [3] average the entered numbers, [4] display all the entered numbers, or [5] quit the program.  User choice of [1] in the menu stores the user inputs for calculation. Number values can be changed when [1] is chosen in the menu by the user.  Make calculations (calculations such as the sum and average of the entered numbers) based upon user choices.  If the user’s choice is 5, quit the program.  If the user’s choice is not 1-5, quit the program. | Display menu.  Display the sum of the numbers if user chooses [2] in the menu.  Display the average of the numbers if user chooses [3] in the menu.  Display the user-entered numbers if user chooses [4] in the menu.  Program quits when choice = 5. |