1. Write a program that will calculate the average of several values entered by the user. The user should repeatedly enter a value until they enter the number -1. Your program will need to count the number of values entered.

2. Write a program for a cash register. Your program should ask the user to enter the price of each item and add this amount to the total. The loop should terminate when the user enters 0 for the price of that item.   The total amount owing should then be displayed. Ask the user to enter the amount of cash tendered, and calculate and display the amount of change to be given out. If however the cash amount is less than the total price the user should be informed and asked to re-enter cash amount.

3. Write a program that will repeatedly display the following menu on the screen until the user chooses to 'q' or 'Q' to quit. Should the user choose A or S (allow for both capital and small letters) the program should prompt the user for two numbers, and should display the sum or the difference of the two numbers depending on the option chosen. If the user enters Q then the program terminates. Should the user choose any other option then the program should display an appropriate error message.

    CALCULATION MENU
    ****
        A   Add
        S   Subtract
        Q   Quit

    ENTER CHOICE [A|S|Q]: