Training assignments:

- 1. Implement an encryption/decryption algorithm. Develop 2 methods, 1st takes an input string and encrypts it, 2nd method should take the encrypted value and return the original decrypted value. Algorithm is of your choice.
 - a. Sample algorithm for ref
 - i. Input: "apple"
 - i. Step1: Reverse the input --> "elppa"
 - ii. Step2: Replace all vowels using the following chart:
 - 1. a => 0
 - 2. e => 1
 - 3. i => 2
 - 4. o => 3
 - 5. u => 4

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// "elppa" --> 1lpp0
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- iii. Step3: Add "aca" to the ending --> 1lpp0aca
- * Example: Encrypt("banana") → "0n0n0baca"
- 2. Develop a console application with the following features.
 - a. Display a menu with 5-6 items with their price listed
 - b. Ask the customer if they wish to buy anything ("Yes" or "No")
 - c. If the response is "No", print "Thank you!"
 - d. If the response is "Yes", ask What they would like to buy (Item name from menu)
 - e. After receiving response, ask quantity
 - f. After receiving quantity, display the price till point and ask if they would like to like to buy anything else ("Yes" or "No")
 - g. If yes, repeat the steps (D to F)
 - h. If no, display the total price

Program should have:

- a. Separate methods for each task (Ex: Price calculation, Capture quantity and such)
- b. Recursion
- c. Global variable(s)
- d. Error handling for wrong inputs from user

Sample Output

