class Customer

instances: customer - a customer is an instance of this class and is created by an employee.
methods in this class can be utilized to store and manipulate customer information and details.

1. Add_customer():

Begin:
1. name = INPUT: "Enter the customer name:"
2. Id = INPUT: "Enter customer ID: "
3. Items_bought = INPUT: "Enter items bought: "
4. APPEND name, Id, Items_bought to cust_name_list, cust_id_list, Items_bought_list
5. OUTPUT: "Customer added successfully: "

End

2. delete_Customer():

Begin:
1. cust_Id = INPUT: "Enter the ID of the customer"
   for Id in cust_id_list:
               If cust_Id == Id:
                   index = index of Id
                   Delete cust_name_list[index]
                   Delete cust_Id_list[index]
                   Delete Items_bought_list[index]
2. OUTPUT: "customer details deleted successfully"

End

3. edit_customer():

Begin:
1. cust_Id = INPUT: "Enter the ID of the customer"
   for Id in cust_id_list:
               If cust_Id == Id:
                   index = index of Id
2. name = INPUT: "Enter the new name: "

3. cust_name_list [index] = name
4. Id = INPUT: "Enter the new ID: "
5. cust_id_list [index] = Id
6. Items_bought = INPUT: "Enter the items bought: "
7. Items_bought_list[index] = items_bought
8. OUTPUT: "Customer details edited successfully"

End

4. show_history():

Begin:
1. cust_Id = INPUT: "Enter the ID of the customer"
2. for Id in cust_id_list:

    If cust_Id == Id:

    index = index of Id
3. OUTPUT: cust_name_list[index], items_bought_list[index]

End

5. show_customers():

Begin:

1. for n in range of till cust_id_list:

    OUTPUT: "customers information", cust_name_list[n], items_bought_list[n]

End

Test_Senarios (Class02): -

Edited (8/12/2021).............

Method Number	Test case description	Test data	Expected result	Actual result	Pass/Fail
1	Adding customer to the file and check if it has been added successfully	The customer specific details	Print a list that contains the same customer details	Print a list that contains the same customer details	pass
2	Delete the customer details from the customer list	The customer id	The customer details = "None\n"	The customer details = "None\n"	pass
3	Test the whole add customer method	Normally put any customer, but keep one of the details in mind as the test data	the test data exist in the customers.txt file	the test data exist in the customers.txt file	pass
4	Test showing the right customer details.	Run The method	Call the right details from the customer list.	Call the same right details from the customer list.	pass
5	Test the whole delete customer method	Normally choose any customer to delete.	The details/data of that customer = "None\n"	The details/data of that customer = "None\n"	pass