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IT FDN 100 A

Assignment 9 Notes

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In reading more about modules in the provided assignment link, I learned about the locals() and globals() function that I think could come in handy.

I reused most of the code that I did from the lab but did run into a small problem.

*class* CustomerList(object):  
 \_\_lstCustomers = []  
  
 @staticmethod  
 *def* AddCustomer(Customer):  
 *if* str(Customer.\_\_class\_\_) == "<class 'Customers.Customer'>":  
 CustomerList.\_\_lstCustomers.append(Customer)  
 *# CustomerList.\_\_lstCustomers += Customer  
 else*:  
 *raise* Exception("Only Customer objects can be added to the CustomerList.")

I kept running into an issue when running the main program that stated the “Customer object was not iterative.” After checking in the Python console and looking back at the instructor’s code, I realized that he was using the `append` function instead of doing a `+=` into the list. When I used the `+=` with a plain string in the Python console, I noticed that it was splitting up the string into individual characters and realized that that’s where my problem was. The object itself could not be split into separate values like that so that’s why I wasn’t getting the intended result.

After updating it to use `append`, everything was working as expected.

The only other change I made was I added another `try` | `except` block in the main problem to catch ValueErrors if the user entered a non-integer for the customer ID.

strUserInput = ""  
*while* (*True*):  
 strUserInput = input("Would you like to add Customer data? (y/n)")  
 *if* (strUserInput == "y"):  
 *# Get Customer Id from the User  
 try*:  
 intId = int(input("Enter a Customer Id (Last id was " + str(gIntLastId) + "): "))  
 gIntLastId = intId  
 *except* ValueError *as* e:  
 print("Please enter an integer.")  
 *# Get Customer FirstName from the User* strFirstName = str(input("Enter a Customer First Name: "))  
 *# Get Customer LastName from the User* strLastName = str(input("Enter a Customer Last Name: "))  
 *# Process input* AddNewCustomerData(intId, strFirstName, strLastName)  
 *else*:  
 *break*