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IT FDN 110 B Winter 2022: Foundations of Programming

Assignment07 Knowledge Document

# Lesson learned in finishing assignment07

#### Introduction

Brief overview of some lessons learned through some experience I earned through finishing assignemtn07.

### **Experience gained 1:**

I modified the script using try-except function. This loop is useful when you are not sure whether the code will go through or not. If it works, then it will execute all the code in the try loop. Otherwise, it will intentionally interrupt the program and throw the exception information in the except loop to avoid returning error and crash of program.

#### GitHub link:

yuguanp/assignment07 (github.com)

### Summary

When doing modifying based on someone else's work it is very easy to generate bugs since some of the original scripts may not fit the new ones I add in, and causing functional scripts become bugs. Thus instead of spending time on debug later, reading through and try to understand the original scripts before modifying could be a smarter way.

## **Appendix**

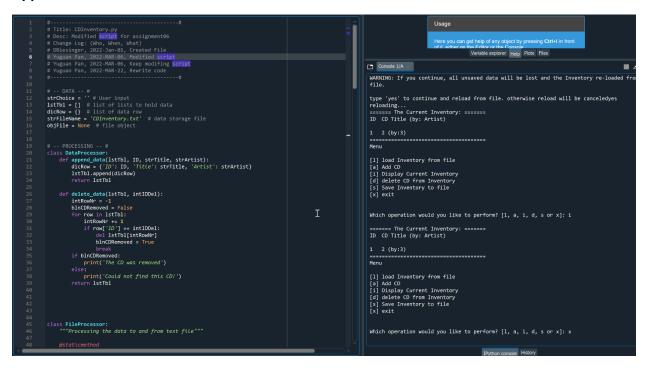


Fig.1 Screenshot of script successfully running in Spyder

```
C:\vviiνυοννο\py.exe
Which operation would you like to perform? [1, a, i, d, s or x]: s
      === The Current Inventory: ======
CD Title (by: Artist)
          2 (by:3)
2 (by:3)
 [1] load Inventory from file
[a] Add CD
 il Display Current Inventory
dl delete CD from Inventory
sl Save Inventory to file
Which operation would you like to perform? [1, a, i, d, s or x]: 1
WARNING: If you continue, all unsaved data will be lost and the Inventory re-loaded from file. type 'yes' to continue and reload from file. otherwise reload will be canceledyes
reloading...
        The Current Inventory: ======
CD Title (by: Artist)
ID
          2 (by:3)
2 (by:3)
Menu
 [1] load Inventory from file
[a] Add CD
 i] Display Current Inventory
d] delete CD from Inventory
Which operation would you like to perform? [1, a, i, d, s or x]: i
       == The Current Inventory:
CD Title (by: Artist)
           2 (by:3)
2 (by:3)
Menu
 [1] load Inventory from file
 i] Display Current Inventory
d] delete CD from Inventory
 x] exit
Which operation would you like to perform? [1, a, i, d, s or x]: x
```

Fig. 2 Screenshot of script successfully running in terminal window