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 1 # ------------------------------------------------ #
 2 # Title: Assignment07
 3 # Description: Script demonstrates how Pickling
 4 #               and Structured error handling work
 5 # ChangeLog: (Who, When, What)
 6 # ChangeLog: DIyer, 2/28/2022, Created
 7 # ChangeLog: DIyer, 3/4/2022, modified after
   reviewing Assignment07
 8 # ------------------------------------------------ #
 9
10 # This imports code from another code file!
11 import pickle
12
13 '''Pickling Demo'''
14
15 # # create the list of customers
16 # customer_id = int(input("Enter ID (integer): "))
17 # customer_name = str(input("Enter a Name (string
   ): "))
18 # customer_list = [customer_id, customer_name]
19 # print(customer_list)
20 #
21 # # store the data with pickle.dump method
22 # objFile = open("AppData.dat","ab")
23 # pickle.dump(customer_list, objFile)
24 # objFile.close()
25 #
26 # # read the data back with pickle.load method
27 # objFile = open("AppData.dat","rb")
28 # objFileData = pickle.load(objFile)
29 # objFile.close()
30 # print(objFileData)
31
32 '''Error handling demo'''
33
34 # try:
35 #     f = open("AppsData.dat", "rb")
36 # except Exception as e:
37 #     print("There is an error with your command, try
    again!")
38 #     print("Built-in Python error info: ")
39 #     print(e)
40 #     print(type(e))
41 #     print(e.__doc__)
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#     print(e.__str__())


''' Both at same time'''
try:
    customer_id = int(input("Enter ID (integer): "))
    customer_name = str(input("Enter a Name (string
): "))
    customer_list = [customer_id, customer_name]
    print(customer_list)

except Exception as e:
    print("Please use integers for ID")
    print("Built in error info:")
    print(e)
    print(type(e))
    print(e.__doc__)
    print(e.__str__())

# store the data with pickle.dump method
    objFile = open("AppData.dat","ab")
    pickle.dump(customer_list, objFile)
    objFile.close()

  # read the data back with pickle.load method
    objFile = open("AppData.dat","rb")
    objFileData = pickle.load(objFile)
    objFile.close()
    print(objFileData)
```