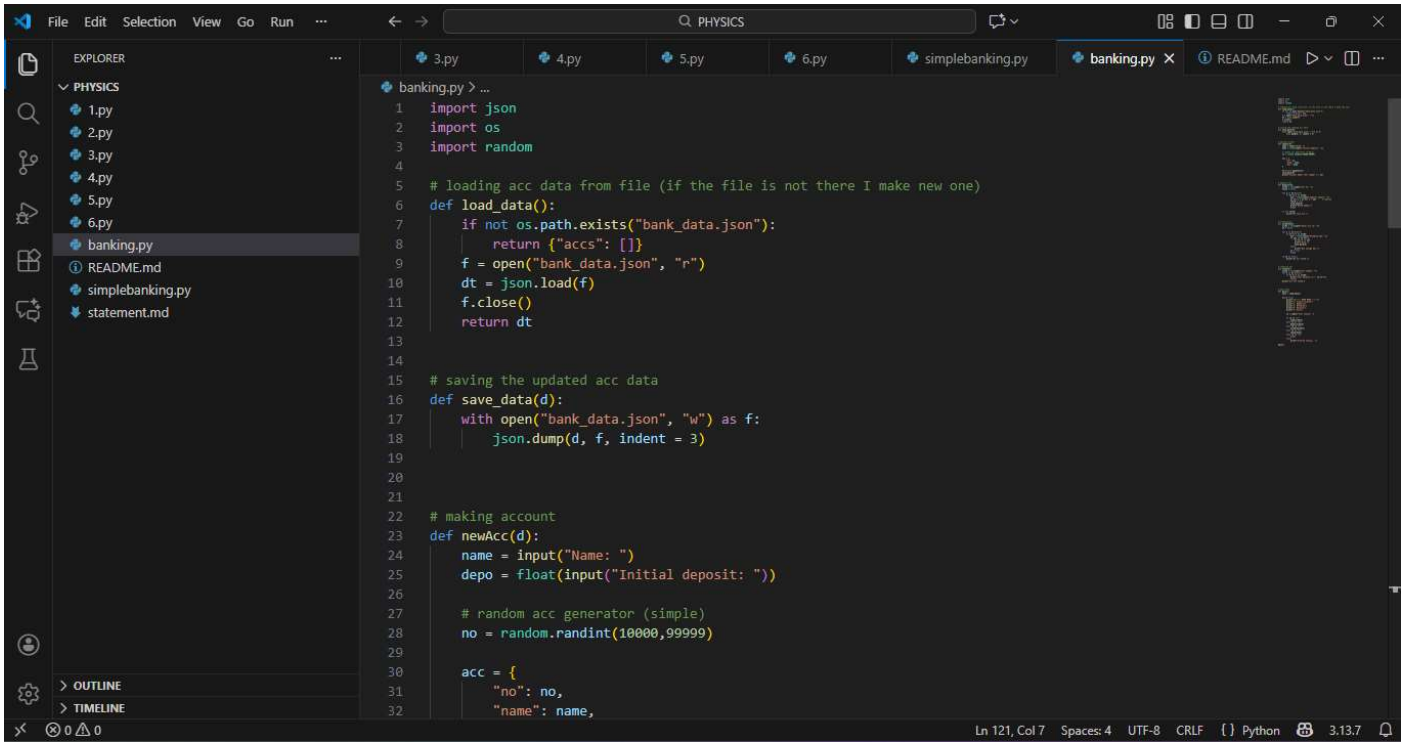
File Edit Selection View Go Run
PHYSICS
EXPLORER
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banking.py
README.md
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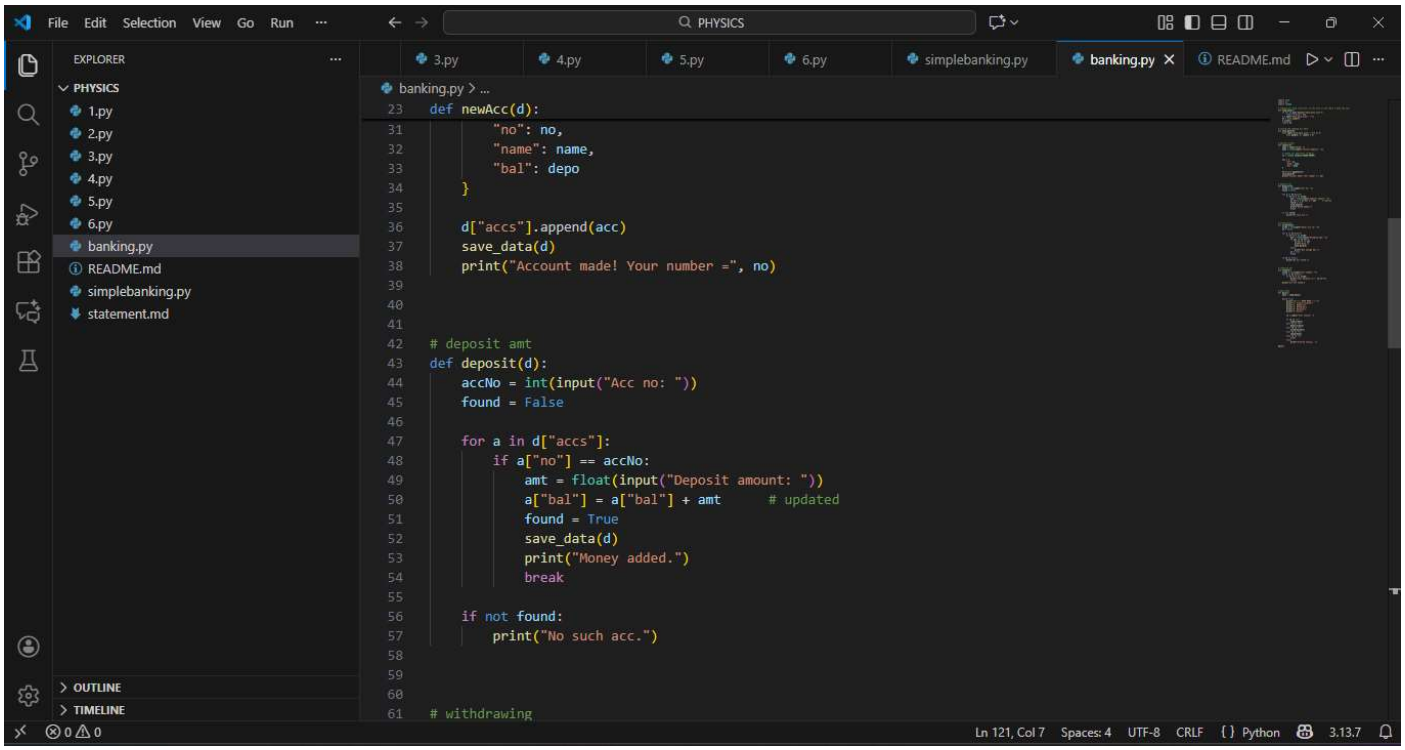
README.md
banking.py > ...
import json
import os
import random
# loading acc data from file (if the file is not there I make new one)
def load_data():
if not os.path.exists("bank_data.json"):
return {"accs": []}
f = open("bank_data.json", "r")
dt = json.load(f)
f.close()
return dt
# saving the updated acc data
def save_data(d):
with open("bank_data.json", "w") as f:
json.dump(d, f, indent = 3)
# making account
def newAcc(d):
name = input("Name: ")
depo = float(input("Initial deposit: "))
# random acc generator (simple)
no = random.randint(10000,99999)
acc = {
"no": no,
"name": name,
Ln 121, Col 7 Spaces: 4 UTF-8 CRLF Python 3.13.7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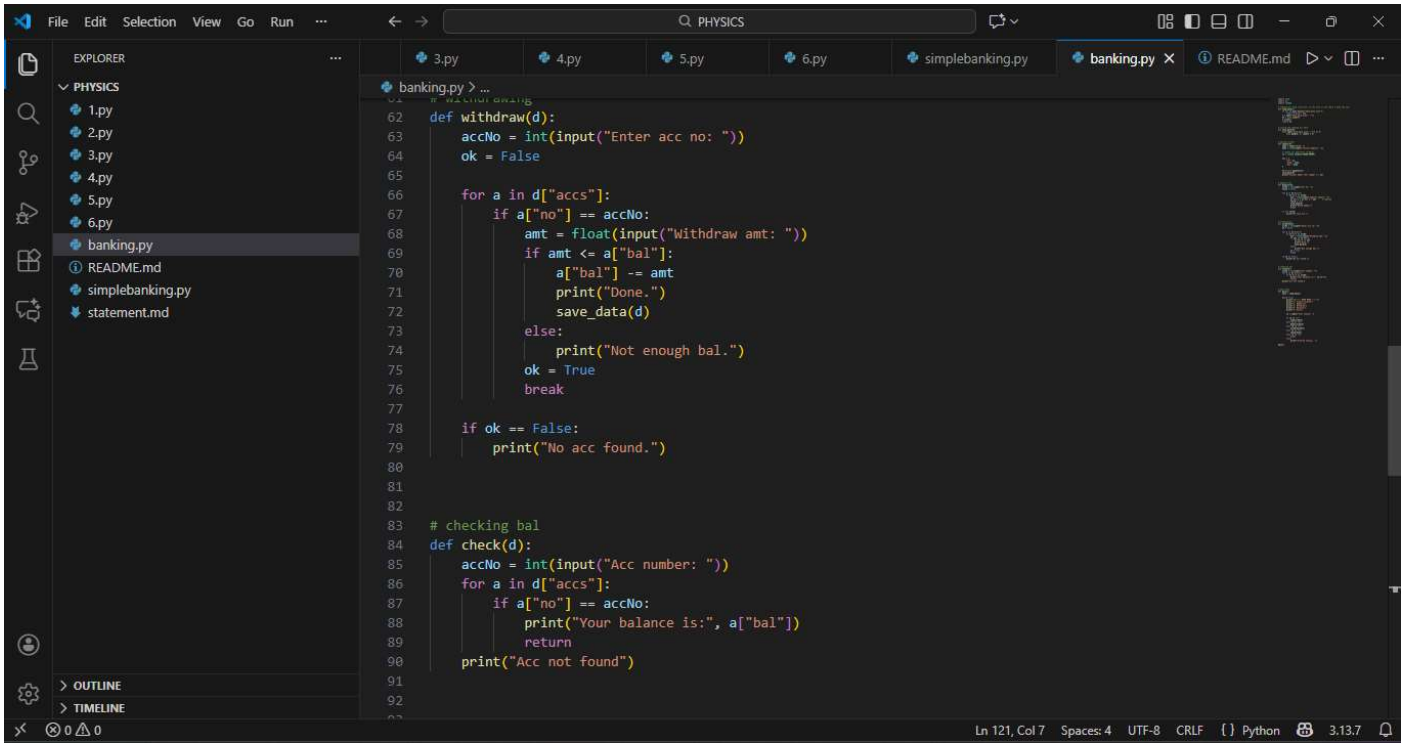
banking.py > ...
def newAcc(d):
"no": no,
"name": name,
"bal": depo
}
d["accs"].append(acc)
save_data(d)
print("Account made! Your number =", no)
# deposit amt
def deposit(d):
accNo = int(input("Acc no: "))
found = False
for a in d["accs"]:
if a["no"] == accNo:
amt = float(input("Deposit amount: "))
a["bal"] = a["bal"] + amt # updated
found = True
save_data(d)
print("Money added.")
break
if not found:
print("No such acc.")
# withdrawing
Ln 121, Col 7 Spaces: 4 UTF-8 CRLF Python 3.13.7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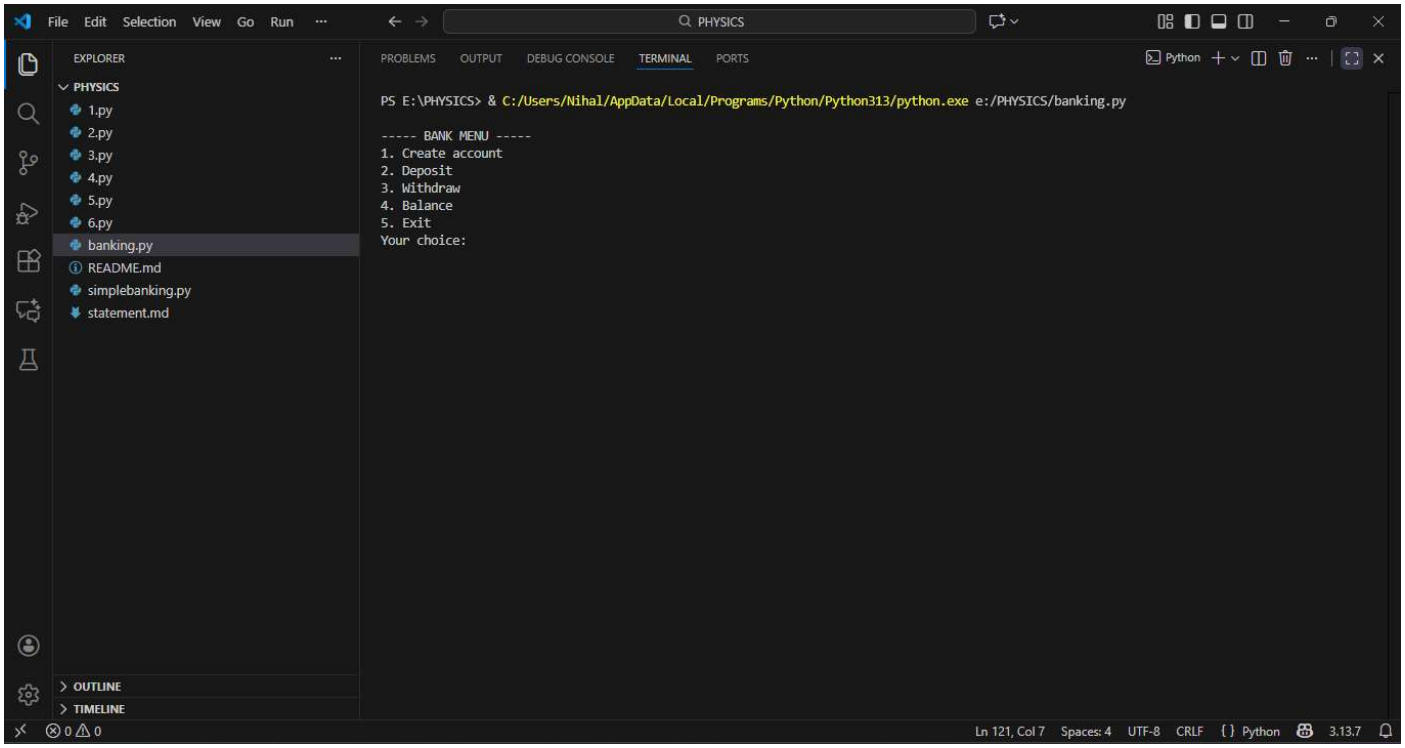
banking.py > ...
def withdraw(d):
accNo = int(input("Enter acc no: "))
ok = False
for a in d["accs"]:
if a["no"] == accNo:
amt = float(input("Withdraw amt: "))
if amt <= a["bal"]:
a["bal"] -= amt
print("Done.")
save_data(d)
else:
print("Not enough bal.")
ok = True
break
if ok == False:
print("No acc found.")
# checking bal
def check(d):
accNo = int(input("Acc number: "))
for a in d["accs"]:
if a["no"] == accNo:
print("Your balance is:", a["bal"])
return
print("Acc not found")
OUTLINE
TIMELINE
Ln 121, Col 7 Spaces: 4 UTF-8 CRLF Python 3.13.7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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS E:\PHYSICS> & C:/Users/Nihal/AppData/Local/Programs/Python/Python313/python.exe e:/PHYSICS/banking.py
----- BANK MENU -----
1. Create account
2. Deposit
3. Withdraw
4. Balance
5. Exit
Your choice:
OUTLINE
TIMELINE
Ln 121, Col 7 Spaces: 4 UTF-8 CRLF Python 3.13.7