***7.OOPs – Banking***

Dear Students,

We have covered core python, now it’s time to test your coding and logical skills, also know how confident you are with the syntax, I’m giving you a small project:

1. Account login
2. Amount Depositing
3. Amount Withdrawal

Other than the above features you can add any other also.

**Codes:**

class account:

balance = 0.0

def display\_balance(self):

print(f”Net balance is: Rs {self.balance}”)

def deposit(self):

amount = float(input(“Enter amount to be deposited: “))

self.balance += amount

print(f”Amount deposited: Rs {amount}”)

def withdraw(self):

amount = float(input(“Enter amount to be withdrawal: “))

if self.balance >= amount:

print(f”Amount withdrawal: Rs {amount}”)

else:

print(“Insufficient balance for withdrawal.”)

def login():

username = input(“Enter your username:”)

password = input(“Enter your password:”)

print(f”Login successful! Welcome, {username}.”)

#Main program

Def main():

Print(“Welcome State Bank of India”)

Login()

bank\_account = Account()

while True:

print(“\nselect an option:”)

print(“1. Deposit Money”)

print(“2. Withdraw Money”)

print(“3. Display Balance”)

print(“4.Exit”)

choice = input(“Enter your choice (1/2/3/4):”)

if choice == ‘1’:

bank\_account.deposit()

elif choice == ‘2’:

bank\_account.display\_withdraw()

elif choice == ’3’:

bank\_account.display\_balance()

elif choice == ‘4’:

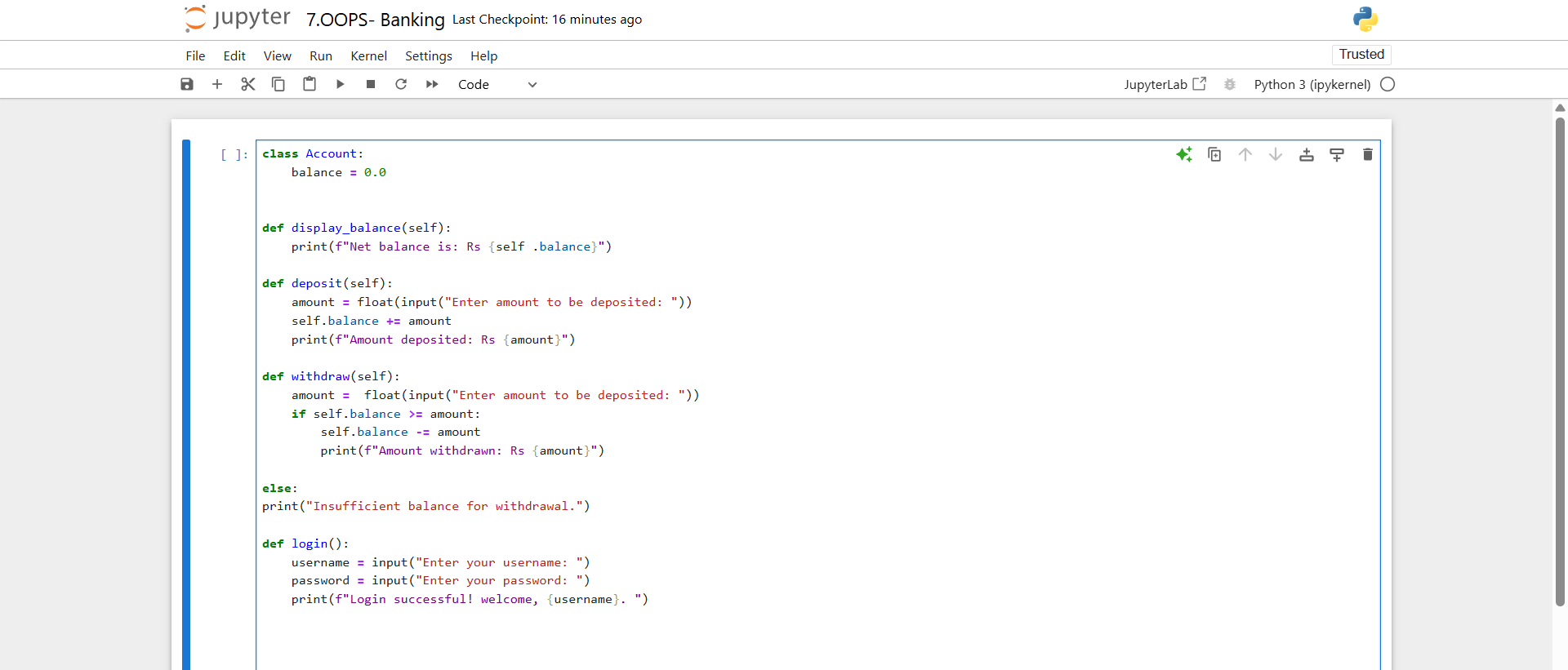
print(“Thank you for using the State Bank of India.”)

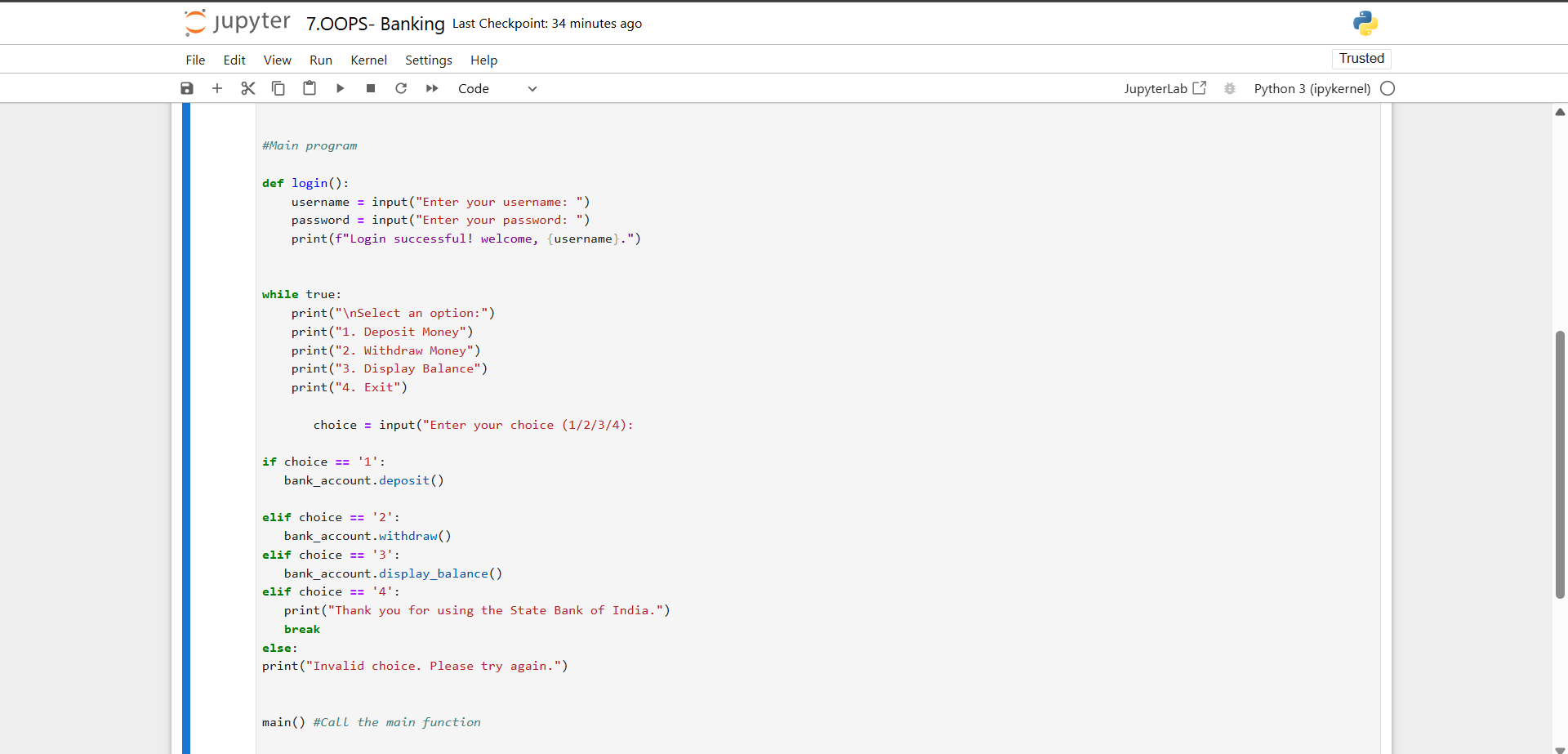
break

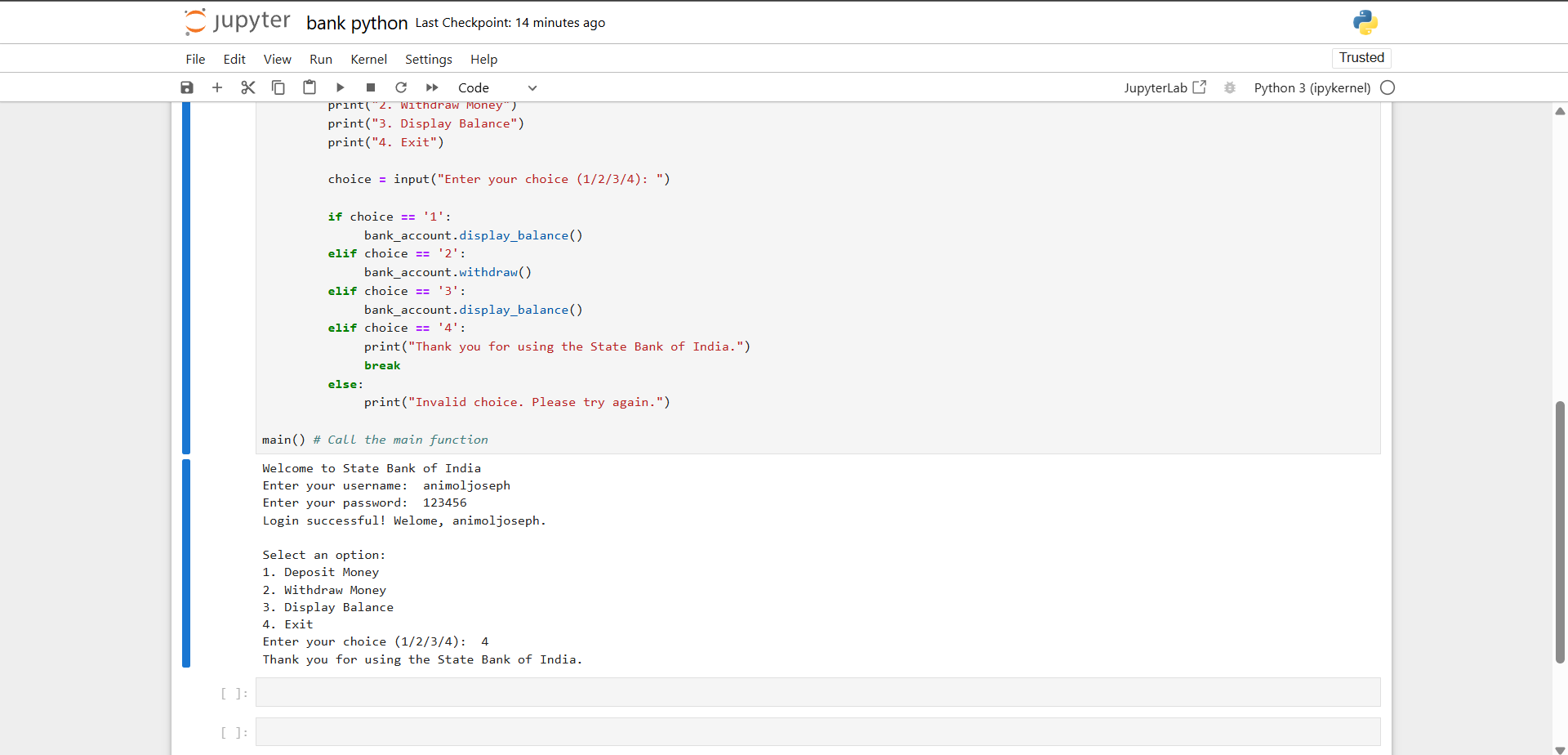
else:

print(“Invalid choice. Please try again.”)

main() #Call the main function.







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