**ASSIGNMENT-5**

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Q.2 Create an Account class Heirarchy

Account with super class (acc\_id, name, balance)

methods - withdraw and deposit

Create SavingsAccount as sub class of account - additional field (type - personal/corporate etc)

implement withdraw and deposit such that

- maximum upto 1 lakh can be deposited in an account at a time

- Min balance 5000 must be maintained while withdrawal (if type = corporate you withdraw full amount = balance)

Create CurrentAccount as sub class of account

implement withdraw and deposit such that

- maximum upto 2 lakh can be deposited in an account at a time

- Min balance 10000 must be maintained while withdrawal

Create Bank App with Transaction class

Create Method withdraw\_from\_account(account : Account) and deposit\_to\_account(account : Account)

These methods will return the new balance after deposite/withdraw

Create user class with user interface that gives 2 menu options

1. Deposit

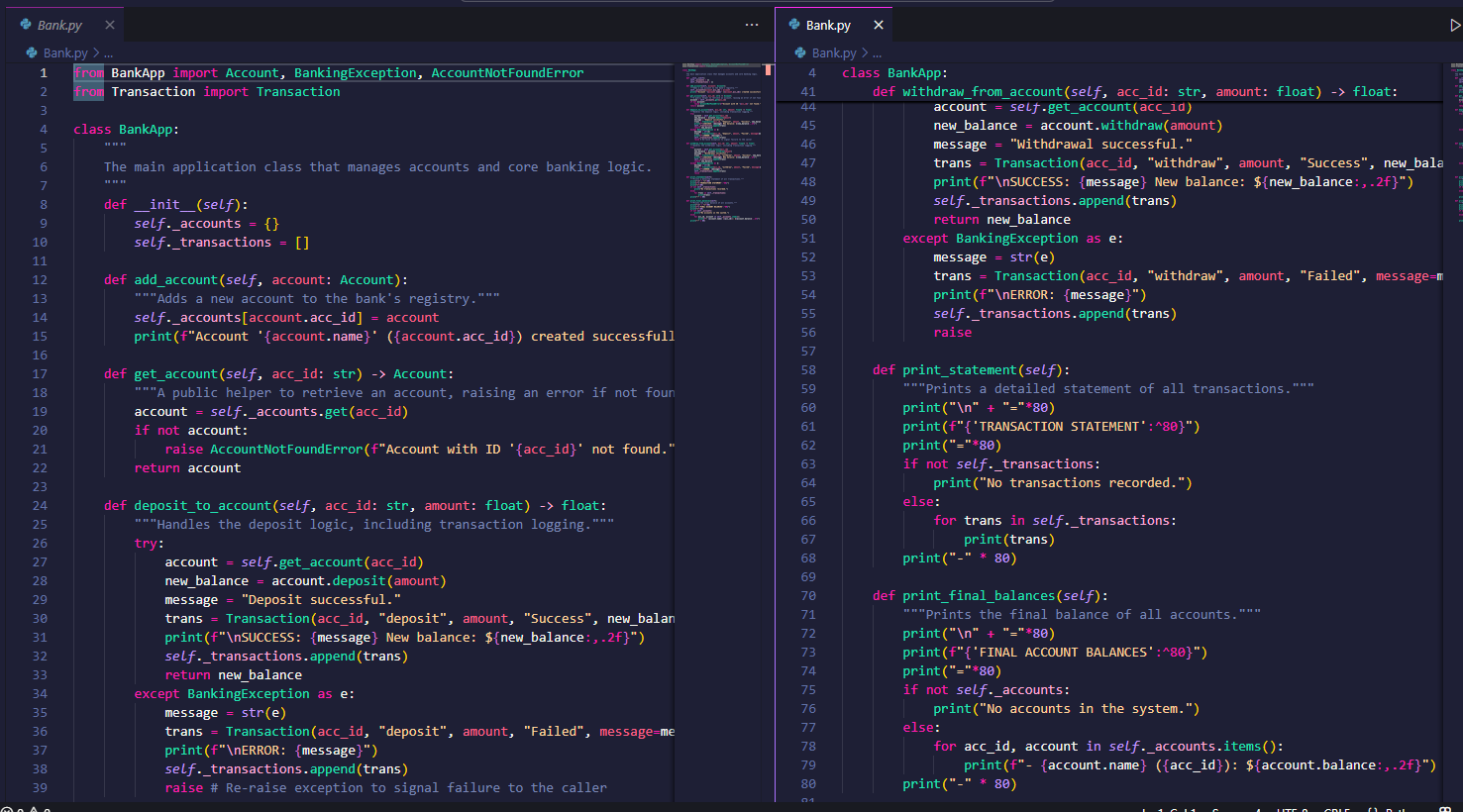
2. Withdraw

Both options will ask user to enter money to withdraw/deposite

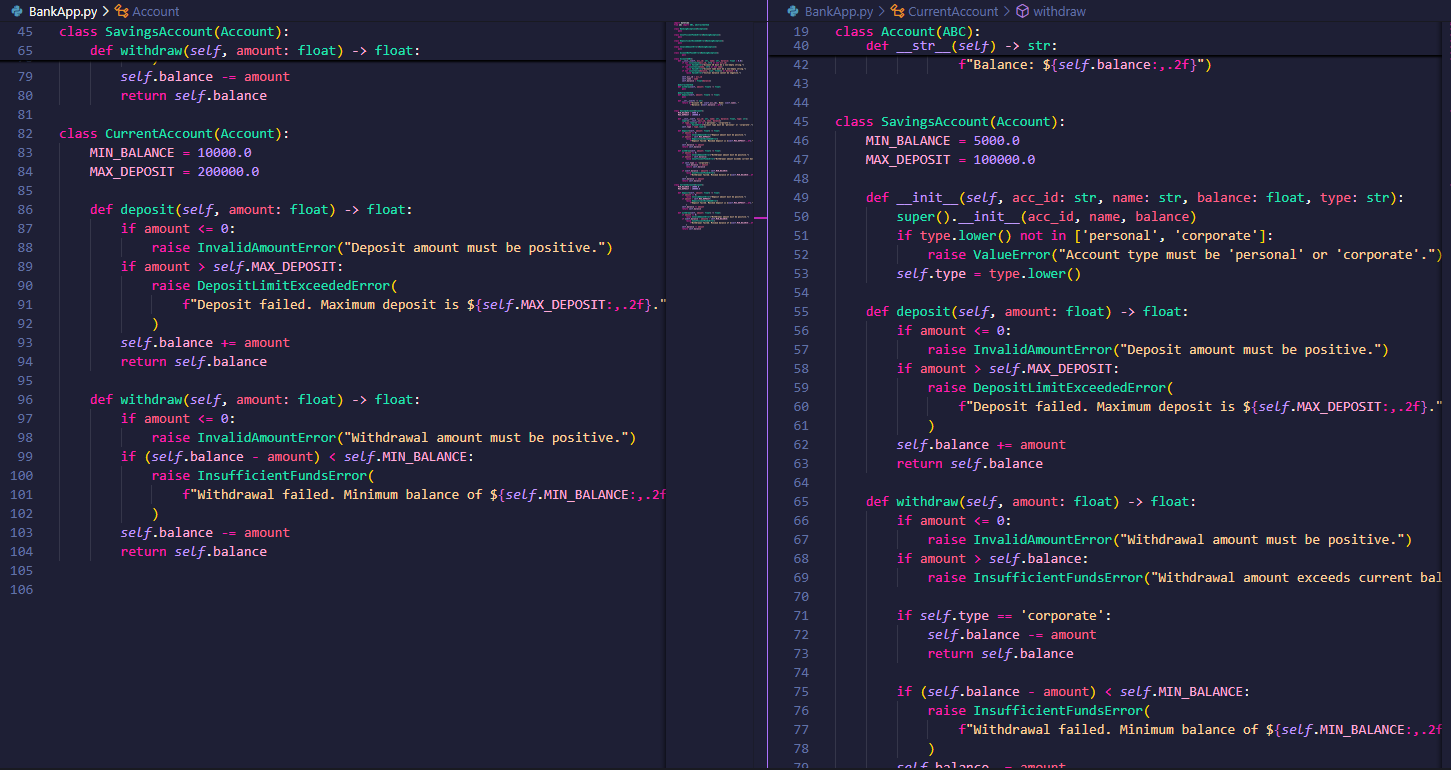
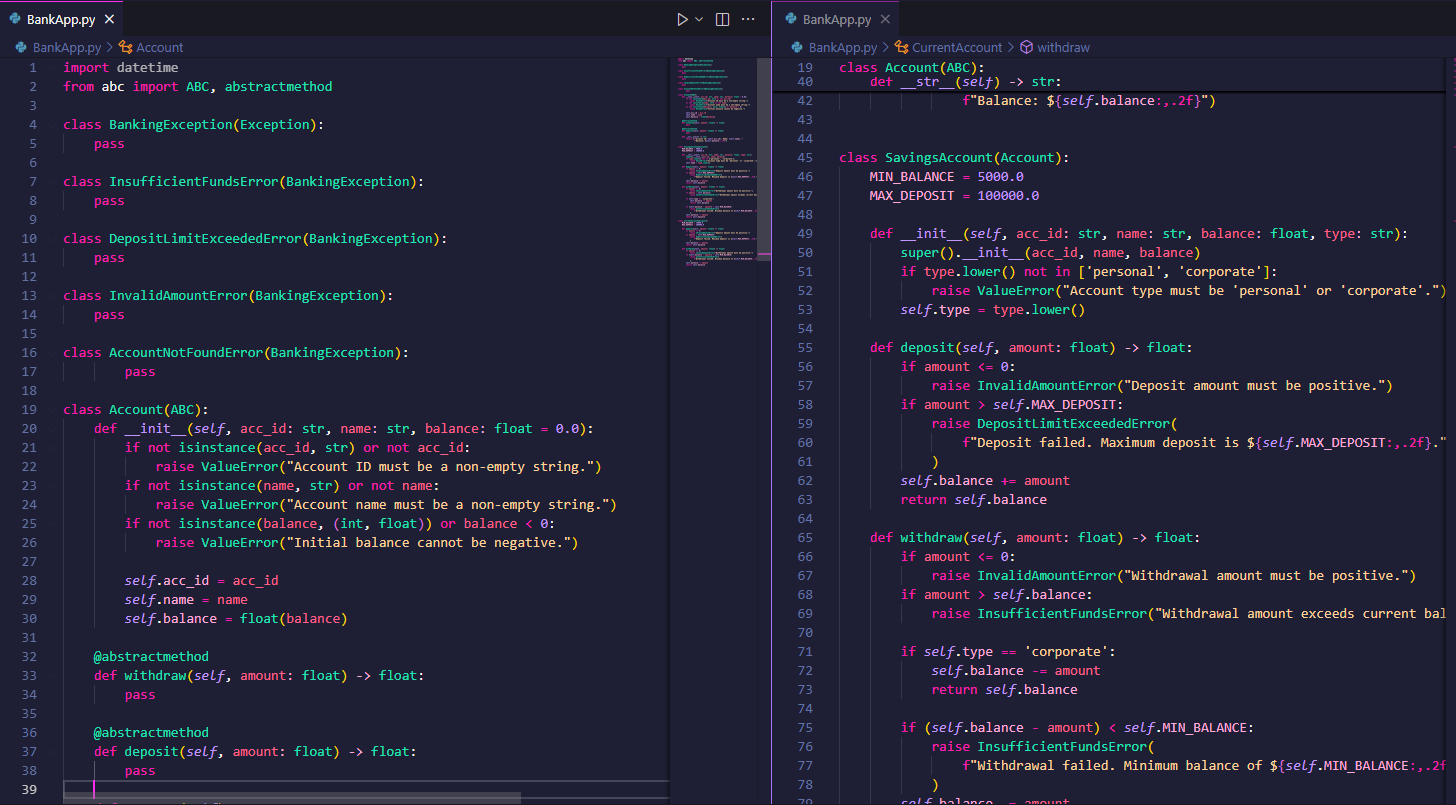
Display a statement with each transaction and final balance after user exits from the menu

Identify possible Exceptions and implement them

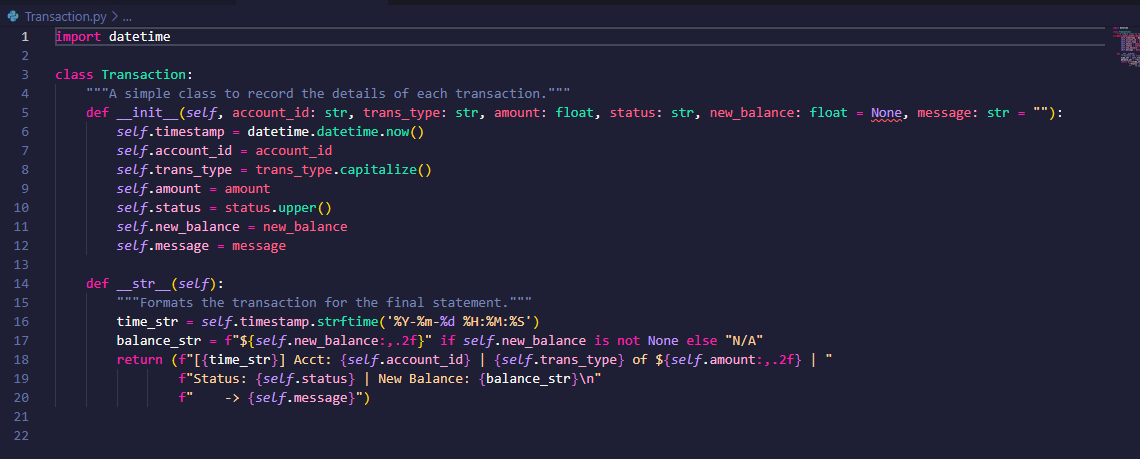
**Bank.py**

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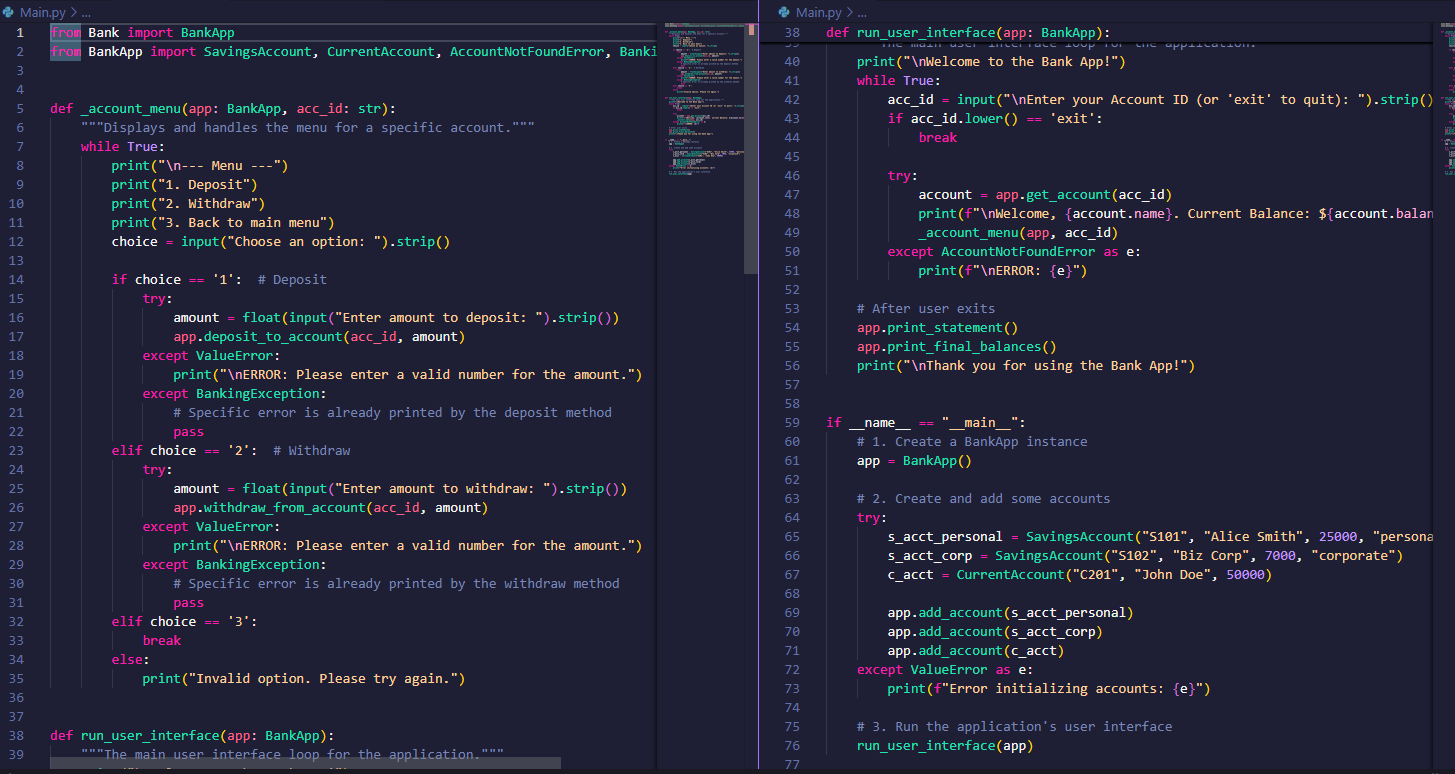
**BankApp.py**

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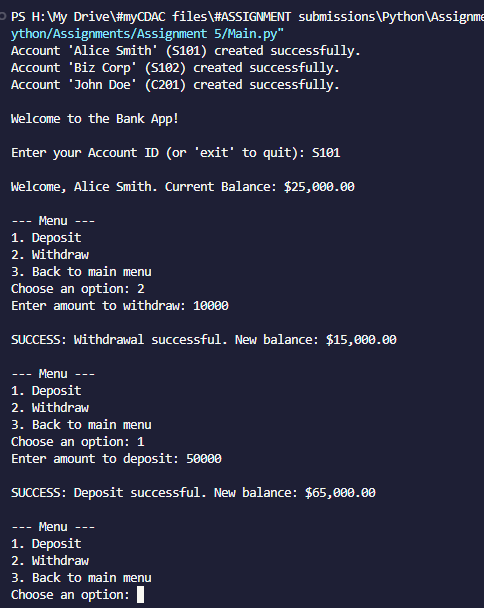
**Transactions.py**

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**Main.py**

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**OUTPUTS**

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