

Banking_system > short_tasks > task3.py

Project

- Banking_system C:\Users\siddh\PycharmProjects\Banking_system
 - db_connection
 - db_adapter.py
 - models
 - account.py
 - bank.py
 - current_account.py
 - customer.py
 - savings_account.py
 - transaction.py
 - zero_balance_account.py
 - short_tasks

task3.py

```

30 print("\nFuture Balances:")
31 for i, customer in enumerate(customers, start=1):
32     future_balance = calculate_future_balance(customer['initial_balance'],
33                                             customer['annual_interest_rate'],
34                                             customer['years'])
35     print(f"Customer {i}: ${future_balance:.2f}")
36
37
38 customer_data = get_user_input()
39 display_future_balances(customer_data)
    
```

Run: task3

```

Customer 1:
Enter the initial balance: 1500
Enter the annual interest rate (%): 8
Enter the number of years: 10

Customer 2:
Enter the initial balance: 2000
Enter the annual interest rate (%): 10
Enter the number of years: 15

Future Balances:
Customer 1: $3238.39
Customer 2: $8354.50
    
```

Banking_system > short_tasks > task4.py

Project

- current_account.py
- customer.py
- savings_account.py
- transaction.py
- zero_balance_account.py
- short_tasks
 - task1.py
 - task2.py
 - task3.py
 - task4.py
 - task5.py
 - task6.py

```

33 # Ask if the user wants to check another account
34 another_account = input("Do you want to check another account? (yes/no): ")
35 if another_account.lower() != 'yes':
36     print("Thank you for using the Bank. Goodbye!")
37     break
    
```

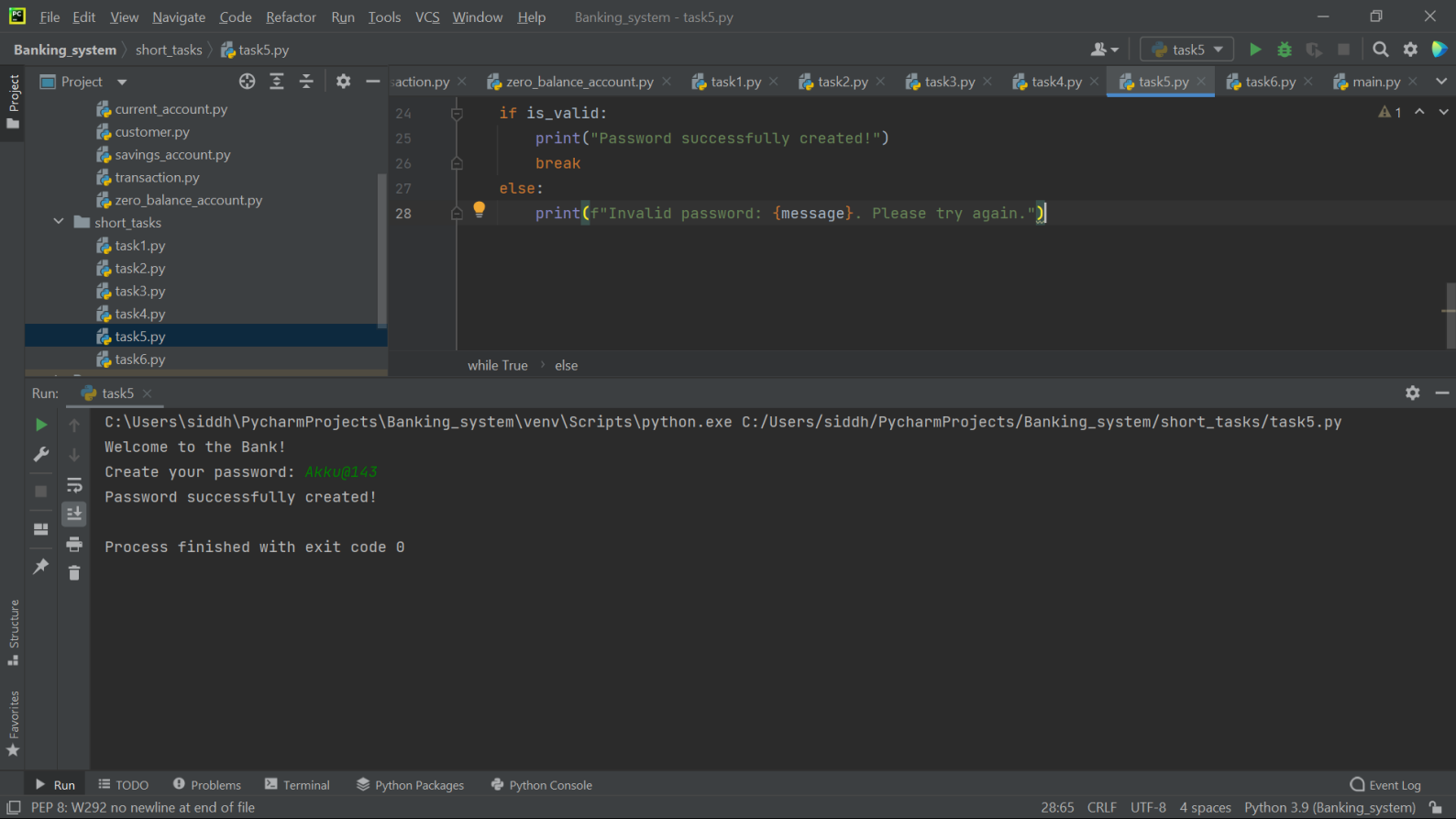
while True > if another_account.lower() != '...

Run: task4

```

C:\Users\siddh\PycharmProjects\Banking_system\venv\Scripts\python.exe C:/Users/siddh/PycharmProjects/Banking_system/short_tasks/task4.py
Welcome to the Bank!
Enter your account number: 12
Invalid account number. Please try again.
Enter your account number: 789012
Account Number: 789012
Balance: $3000.25
Do you want to check another account? (yes/no): no
Thank you for using the Bank. Goodbye!

Process finished with exit code 0
    
```



Project

- current_account.py
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task5.py

```
24     if is_valid:
25         print("Password successfully created!")
26         break
27     else:
28         print(f"Invalid password: {message}. Please try again.")
```

while True > else

Run: task5

```
C:\Users\siddh\PycharmProjects\Banking_system\venv\Scripts\python.exe C:/Users/siddh/PycharmProjects/Banking_system/short_tasks/task5.py
Welcome to the Bank!
Create your password: Akku@143
Password successfully created!

Process finished with exit code 0
```

