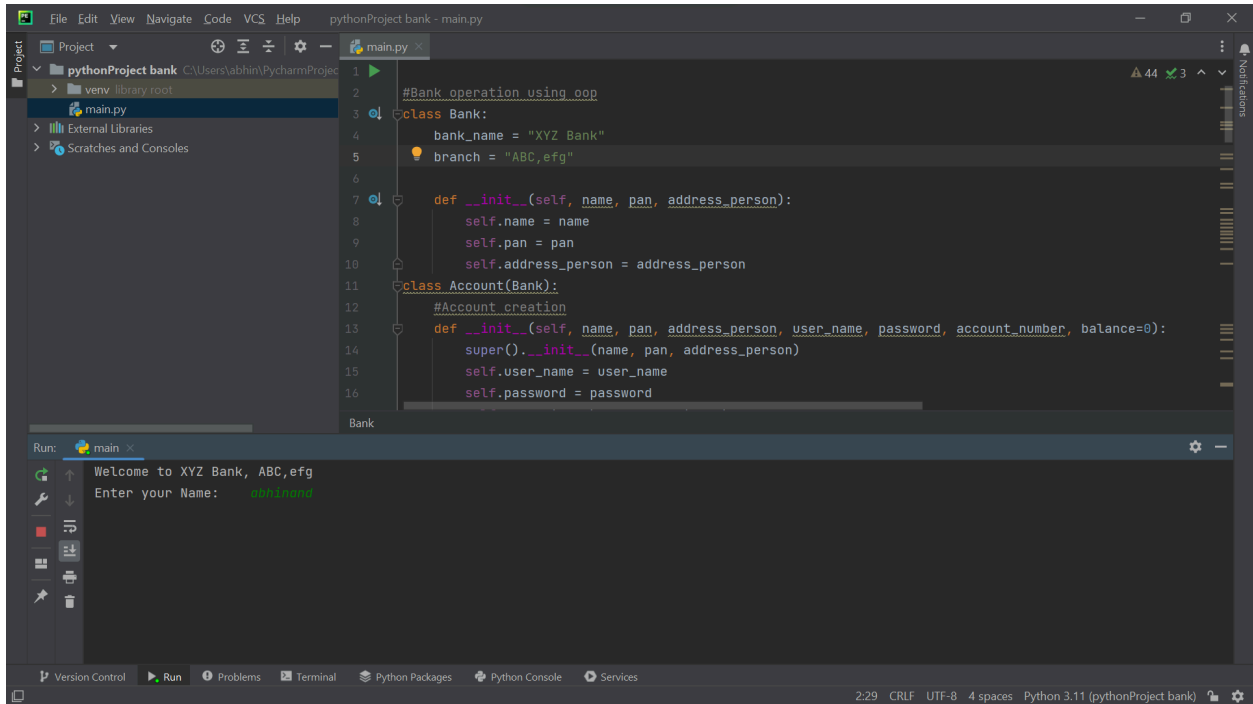


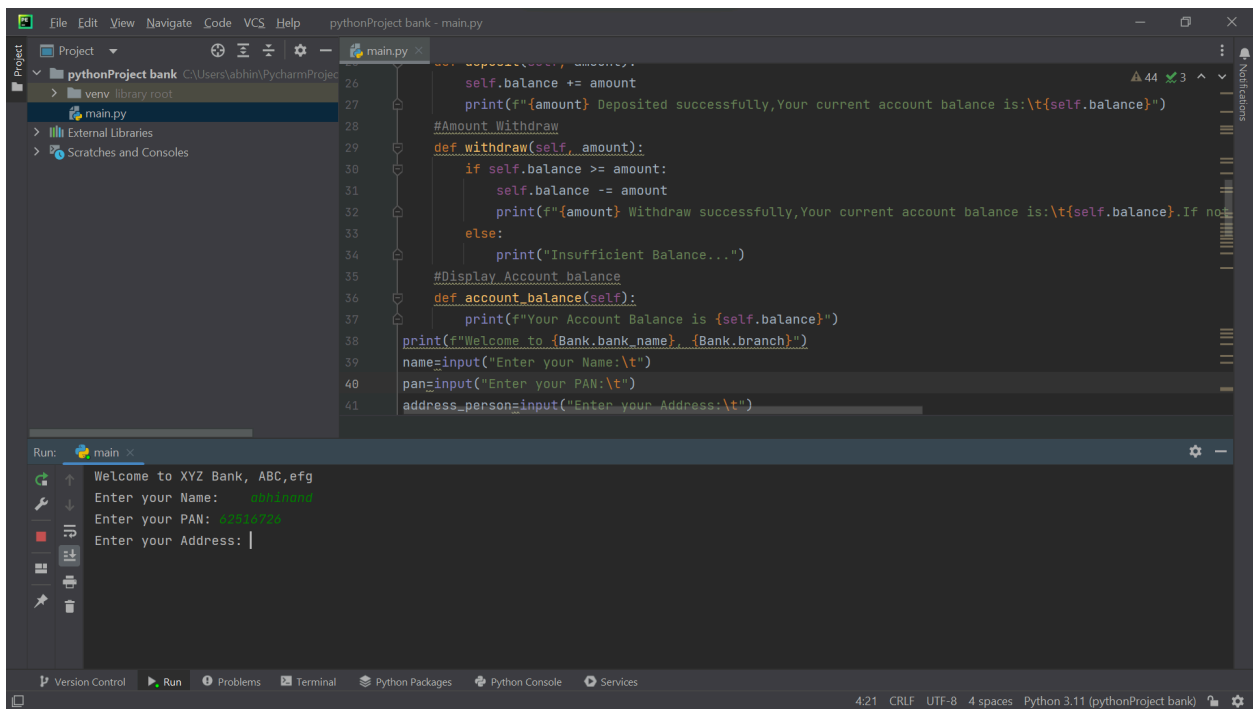
BANKING OPERATION



```
1 #Bank operation using oop
2
3 class Bank:
4     bank_name = "XYZ Bank"
5     branch = "ABC,efg"
6
7     def __init__(self, name, pan, address_person):
8         self.name = name
9         self.pan = pan
10        self.address_person = address_person
11
12    class Account(Bank):
13        #Account creation
14        def __init__(self, name, pan, address_person, user_name, password, account_number, balance=0):
15            super().__init__(name, pan, address_person)
16            self.user_name = user_name
17            self.password = password
```

Run: main

Welcome to XYZ Bank, ABC,efg
Enter your Name: abhinav



```
26     def deposit(self, amount):
27         self.balance += amount
28         print(f"{amount} Deposited successfully,Your current account balance is:\t{self.balance}")
29
30     #Amount Withdraw
31     def withdraw(self, amount):
32         if self.balance >= amount:
33             self.balance -= amount
34             print(f"{amount} Withdraw successfully,Your current account balance is:\t{self.balance}.If not")
35         else:
36             print("Insufficient Balance...")
37
38     #Display Account balance
39     def account_balance(self):
40         print(f"Your Account Balance is {self.balance}")
41
42     print(f"Welcome to {Bank.bank_name}, {Bank.branch}")
43     name=input("Enter your Name:\t")
44     pan=input("Enter your PAN:\t")
45     address_person=input("Enter your Address:\t")
```

Run: main

Welcome to XYZ Bank, ABC,efg
Enter your Name: abhinav
Enter your PAN: 4251A726
Enter your Address: |

BANKING OPERATION

The screenshot shows the PyCharm IDE with a Python project named 'pythonProject bank'. The file 'main.py' is open, displaying the following code:

```
26 def deposit(self, amount):
27     self.balance += amount
28     print(f"{amount} Deposited successfully,Your current account balance is:\t{self.balance}")
29 #Amount Withdraw
30 def withdraw(self, amount):
31     if self.balance >= amount:
32         self.balance -= amount
33         print(f"{amount} Withdraw successfully,Your current account balance is:\t{self.balance}.If not
34     else:
35         print("Insufficient Balance...")
36 #Display Account balance
37 def account_balance(self):
38     print(f"Your Account Balance is {self.balance}")
39 print(f"Welcome to {Bank.bank_name}, {Bank.branch}")
40 name=input("Enter your Name:\t")
41 pan=input("Enter your PAN:\t")
42 address_person=input("Enter your Address:\t")
```

The Run console shows the following output:

```
Run: main
Welcome to XYZ Bank, ABC,efg
Enter your Name: abhinand
Enter your PAN: a221a72a
Enter your Address: gg House bh
Enter your Username: abhi
Enter your Password: 1232
Enter your Account Number: |
```

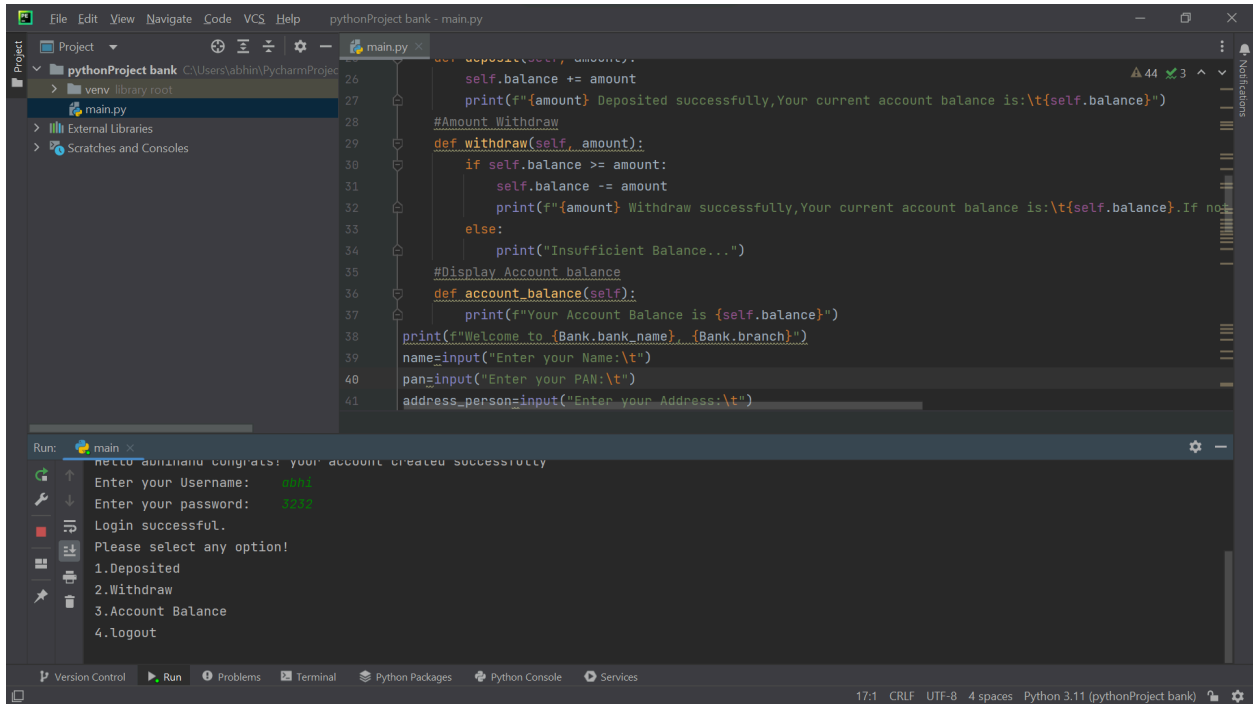
The status bar at the bottom indicates: 7:29 CRLF UTF-8 4 spaces Python 3.11 (pythonProject bank).

The screenshot shows the same PyCharm IDE with the 'main.py' file. The code is identical to the previous screenshot. The Run console shows the following output:

```
Run: main
Welcome to XYZ Bank, ABC,efg
Enter your Name: abhinand
Enter your PAN: a221a72a
Enter your Address: gg House bh
Enter your Username: abhi
Enter your Password: 1232
Enter your Account Number: a22a7381783
Hello abhinand congrats! your account created successfully
Enter your Username: |
```

The status bar at the bottom indicates: 9:25 CRLF UTF-8 4 spaces Python 3.11 (pythonProject bank).

BANKING OPERATION



```
pythonProject bank - main.py
26 def deposit(self, amount):
27     self.balance += amount
28     print(f"{amount} Deposited successfully,Your current account balance is:{self.balance}")
29 #Amount Withdraw
30 def withdraw(self, amount):
31     if self.balance >= amount:
32         self.balance -= amount
33         print(f"{amount} Withdraw successfully,Your current account balance is:{self.balance}.If not
34     else:
35         print("Insufficient Balance...")
36 #Display Account balance
37 def account_balance(self):
38     print(f"Your Account Balance is {self.balance}")
39 print(f"Welcome to {Bank.bank_name}, {Bank.branch}")
40 name=input("Enter your Name:\t")
41 pan=input("Enter your PAN:\t")
42 address_person=input("Enter your Address:\t")
```

Run: main

Hello abhinand congrats! your account created successfully

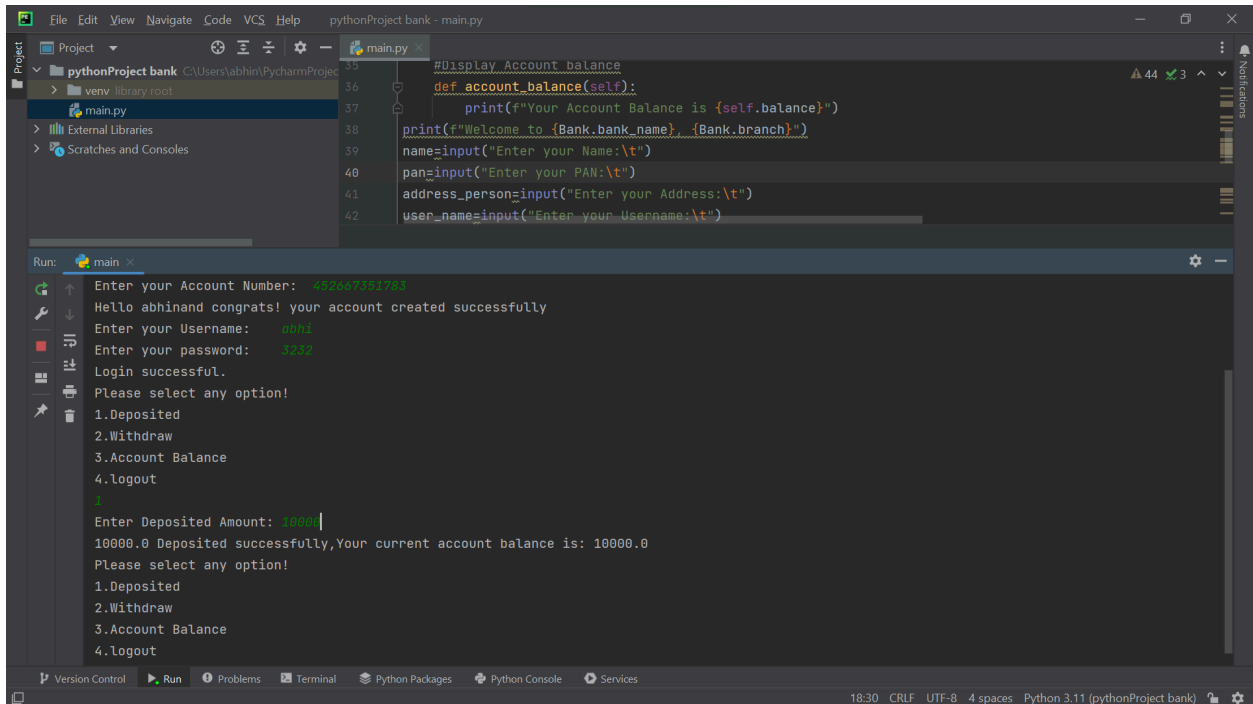
Enter your Username: abhi

Enter your password: 1232

Login successful.

Please select any option!

- 1.Deposited
- 2.Withdraw
- 3.Account Balance
- 4.logout



```
pythonProject bank - main.py
35 #Display Account balance
36 def account_balance(self):
37     print(f"Your Account Balance is {self.balance}")
38 print(f"Welcome to {Bank.bank_name}, {Bank.branch}")
39 name=input("Enter your Name:\t")
40 pan=input("Enter your PAN:\t")
41 address_person=input("Enter your Address:\t")
42 user_name=input("Enter your Username:\t")
```

Run: main

Enter your Account Number: 452647381783

Hello abhinand congrats! your account created successfully

Enter your Username: abhi

Enter your password: 1232

Login successful.

Please select any option!

- 1.Deposited
- 2.Withdraw
- 3.Account Balance
- 4.logout

1

Enter Deposited Amount: 10000

10000.0 Deposited successfully,Your current account balance is: 10000.0

Please select any option!

- 1.Deposited
- 2.Withdraw
- 3.Account Balance
- 4.logout

BANKING OPERATION

The screenshot shows the PyCharm IDE with a project named 'pythonProject bank'. The file 'main.py' is open, displaying the following Python code:

```
66 print("Please select any option!\n1.Deposited\n2.Withdraw\n3.Account Balance\n4.logout")
67 option=int(input(""))
68 if option==1:
69     ammount=float(input("Enter Deposited Amount:\t"))
70     account1.deposit(ammount)
71 elif option==2:
72     ammount = float(input("Enter Withdraw Amount:\t"))
```

The Run console shows the execution of the program. The user has selected option 2 (Withdraw) and entered a withdrawal amount of 500. The program output is as follows:

```
Run: main
Please select any option!
1.Deposited
2.Withdraw
3.Account Balance
4.logout
Enter Withdraw Amount: 500
Insufficient Balance...
Please select any option!
1.Deposited
2.Withdraw
3.Account Balance
4.logout
Your Account Balance is 0
Please select any option!
1.Deposited
2.Withdraw
```

The status bar at the bottom indicates the file encoding is UTF-8, line length is 44, and the Python version is 3.11.

The screenshot shows the PyCharm IDE with the same project and file. The code in 'main.py' is identical to the previous screenshot:

```
66 print("Please select any option!\n1.Deposited\n2.Withdraw\n3.Account Balance\n4.logout")
67 option=int(input(""))
68 if option==1:
69     ammount=float(input("Enter Deposited Amount:\t"))
70     account1.deposit(ammount)
71 elif option==2:
72     ammount = float(input("Enter Withdraw Amount:\t"))
```

The Run console shows the execution of the program. The user has selected option 1 (Deposited) and entered a deposit amount of 1000. The program output is as follows:

```
Run: main
4.logout
Your Account Balance is 0
Please select any option!
1.Deposited
2.Withdraw
3.Account Balance
4.logout
Enter Deposited Amount: 1000
1000.0 Deposited successfully,Your current account balance is: 1000.0
Please select any option!
1.Deposited
2.Withdraw
3.Account Balance
4.logout
Thanks for using Indian National Bank....
```

The status bar at the bottom indicates the file encoding is UTF-8, line length is 44, and the Python version is 3.11.