

```

class Account:
    balance = 0.0 # here initializing the balance to 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        amount = float(input("Enter amount to be withdrawn: "))
        if self.balance >= amount:
            self.balance -= amount
            print(f"Amount withdrawn: Rs {amount}")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 to State Bank of India")
    login() # Login details
    bank_account = Account() # creating an account object

    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.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
```

```
Welcome to State Bank of India
```

```
Enter your username: jishavarghese
```

```
Enter your password: 2355
```

```
Login successful! Welcome, jishavarghese.
```

```
Select an option:
```

1. Deposit Money
2. Withdraw Money
3. Display Balance
4. Exit

```
Enter your choice (1/2/3/4): 1
```

```
Enter amount to be deposited: 2000
```

```
Amount deposited: Rs 2000.0
```

```
Select an option:
```

1. Deposit Money
2. Withdraw Money
3. Display Balance
4. Exit

```
Enter your choice (1/2/3/4): 2
```

```
Enter amount to be withdrawn: 500
```

```
Amount withdrawn: Rs 500.0
```

```
Select an option:
```

1. Deposit Money
2. Withdraw Money
3. Display Balance
4. Exit

```
Enter your choice (1/2/3/4): 3
```

```
Net balance is: Rs 1500.0
```

```
Select an option:
```

1. Deposit Money
2. Withdraw Money
3. Display Balance
4. Exit

```
Enter your choice (1/2/3/4): 4
```

Thank you for using the State Bank of India.