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In [29]: class Account:
    def __init__(self, acc_number, password, balance=0):
        self.acc_number = acc_number
        self.password = password
        self.balance = balance
        self.transactions = []

    def __str__(self):
        return f"Account Number: {self.acc_number}, Account Balance: {self.balance}"

    def login(self, enter_password):
        return self.password == enter_password

    def deposit(self, amount):
        self.balance += amount
        self.transactions.append(f"Deposited: ${amount}")
        print(f"Deposited ${amount}. Current balance: ${self.balance}")

    def withdraw(self, amount):
        if amount > self.balance:
            print("Insufficient balance.")
        else:
            self.balance -= amount
            self.transactions.append(f"Withdrew: ${amount}")
            print(f"Withdrew ${amount}. Current balance: ${self.balance}")

    def check_balance(self):
        print(f"Current balance: ${self.balance}")

def main(account):
    print("Welcome!")
    while True:
        print("\nMain Menu:")
        print("1. View Account Details")
        print("2. Check Balance")
        print("3. Deposit Money")
        print("4. Withdraw Money")
        print("5. Exit")

        choice = input("Enter your choice: ")

        if choice == "1":
            print(account)
        elif choice == "2":
            account.check_balance()
        elif choice == "3":
            amount = float(input("Enter the amount to deposit: "))
            account.deposit(amount)
        elif choice == "4":
            amount = float(input("Enter the amount to withdraw: "))
            account.withdraw(amount)
        elif choice == "5":
            print("Thank you for banking!")
            break
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        else:
            print("Invalid choice. Please try again.")

# Example usage
if __name__ == "__main__":
    # Create an account with account number "123456", password "pass123", and initial balance 500
    user_account = Account("123456", "pass123", 500)

    # Simulate Login
    password = input("Enter your password to log in: ")
    if user_account.login(password):
        main(user_account)
    else:
        print("Incorrect password.")

```

Welcome!

Main Menu:

1. View Account Details
2. Check Balance
3. Deposit Money
4. Withdraw Money
5. Exit

Deposited \$1000.0. Current balance: \$1500.0

Main Menu:

1. View Account Details
2. Check Balance
3. Deposit Money
4. Withdraw Money
5. Exit

Withdrew \$500.0. Current balance: \$1000.0

Main Menu:

1. View Account Details
2. Check Balance
3. Deposit Money
4. Withdraw Money
5. Exit

Current balance: \$1000.0

Main Menu:

1. View Account Details
2. Check Balance
3. Deposit Money
4. Withdraw Money
5. Exit

Account Number: 123456, Account Balance: 1000.0

Main Menu:

1. View Account Details
2. Check Balance
3. Deposit Money
4. Withdraw Money
5. Exit

Thank you for banking!

In [ ]: