```
class BankAccount:
    def __init__(self, account_number, pin, balance=0):
        self.account_number = account_number
        self.pin = pin
        self.balance = balance

    def login(self, entered_pin):
        if entered_pin == self.pin:
            print("Login successful!")
            return True
        else:
            print("Incorrect PIN. Login failed.")
            return False

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

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

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


# Sample usage
def main():
```

```
# Creating a new bank account
account_number = "1234567890"
pin = "1234"
new_account = BankAccount(account_number, pin)

# Attempting to login
entered_pin = input("Enter your PIN: ")
if new_account.login(entered_pin):
    # Logged in successfully, offering options
    while True:
        print("\nOptions:")
        print("1. Deposit")
        print("2. Withdraw")
        print("3. Check Balance")
        print("4. Logout")

        choice = input("Enter your choice: ")

        if choice == "1":
            amount = float(input("Enter amount to deposit: "))
            new_account.deposit(amount)
        elif choice == "2":
            amount = float(input("Enter amount to withdraw: "))
            new_account.withdraw(amount)
        elif choice == "3":
            new_account.check_balance()
        elif choice == "4":
            print("Logged out.")
            break
        else:
            print("Invalid choice. Please try again.")
```

```
if __name__ == "__main__":
    main()
```

OUTPUT

```
Enter your PIN: 1234
Login successful!

Options:
1. Deposit
2. Withdraw
3. Check Balance
4. Logout
Enter your choice: 34
Invalid choice. Please try again.

Options:
1. Deposit
2. Withdraw
3. Check Balance
4. Logout

Enter your choice:
```