

# Code Lab 4

## Code Lab 4 – Test and Debug

In this code lab, you will continue to modify the blackjack program and add validation for the user data inputs.

```

C:\Users\Kelly\PycharmProjects\CIMP8A\Code_Labs\CL04>python blackjack.py
BLACKJACK!
Blackjack payout is 3:2
Enter 'x' for bet to exit

Starting player money: -1
Invalid amount. Must be between 5 and 10,000. Please try aagain.
Starting player money: 10001
Invalid amount. Must be between 5 and 10,000. Please try aagain.
Starting player money: 250

Bet Amounts: 4
The minimum bet is 5. Please try again.
Bet Amounts: 1001
The maximum bet is 1000. Please try again.
Bet Amounts: 300
You don't have enough to cover that bet. Please try again.
Bet Amounts: 100
You Lost
Money: 150.0

Bet Amounts: x
Bye

C:\Users\Kelly\PycharmProjects\CIMP8A\Code_Labs\CL04>
  
```

### Criteria of Acceptance

- Data entry should allow for the following:
  - Starting amount should greater than or equal to 5.
  - Bet amount should be between 5 and 1,000, inclusive.
  - Bet amount should be less than or equal to the player amount.
- Display message for invalid entries and re-prompt for data.
- You do not need to handle other invalid entries that cause exceptions (such as the user entering a string “one hundred” for a monetary amount), this will be handled later.

### For Submitted Validation

- Validate with a...
  - Starting amount less than 5.
  - Starting amount over 10,000.
  - Bet less than 5.
  - Bet over 1,000.
  - Bet greater than the Starting amount.