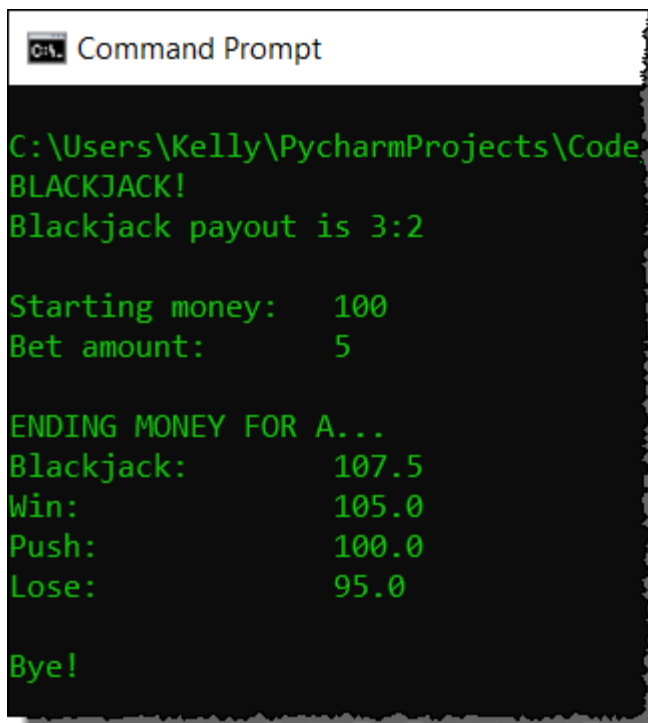


# Code Lab 1

## Code Lab 1 –Calculating the Outcome

In this first code lab, you will develop a first version of the program that calculates the amount that the user wins or loses for each hand.



```
C:\Users\Kelly\PycharmProjects\Code>
BLACKJACK!
Blackjack payout is 3:2

Starting money:    100
Bet amount:       5

ENDING MONEY FOR A...
Blackjack:         107.5
Win:              105.0
Push:             100.0
Lose:             95.0

Bye!
```

### Criteria of Acceptance

- Allow the user to enter a “Starting player amount” and a “Bet amount”.
  - The program should be able to accept both integer and float entries.
  - Assume the user will enter valid data.
    - We will cover data validation in a future code lab.
- Calculate the ending amounts based on the outcome of 1 hand of blackjack.
  - Each calculation should be based on the starting player amount, not cumulative.
    - Blackjack pays out 3:2, which is 1.5 times the bet amount.
    - Win adds the bet to the player amount
    - Push has no impact on the player amount
    - Lose will reduce the player amount by the bet amount
  - Each calculation should be rounded to a maximum of two decimal places.
- Display a message to signify the program has ended.
- Layout should match comp.
  - Pay close attention to line spacing and amounts should be in a vertical column.

### For Submitted Validation

- Starting money equal to 100 and the bet amount equal to 5.
- Calculations should match comp.