

Section 1: Create the program

Create a program that allows the user to play Blackjack against a computer dealer.

Console

```
BLACKJACK!
Blackjack payout is 3:2

Money: 100.0
Bet amount: 10

DEALER'S SHOW CARD:
9 of Diamonds

YOUR CARDS:
5 of Hearts
5 of Clubs

Hit or stand? (hit/stand): hit

YOUR CARDS:
5 of Hearts
5 of Clubs
7 of Diamonds

Hit or stand? (hit/stand): stand

DEALER'S CARDS:
9 of Diamonds
Jack of Hearts

YOUR POINTS:      17
DEALER'S POINTS:  19

Sorry. You lose.
Money: 90.0

Play again? (y/n): n

Come back soon!
Bye!
```

Specifications

- If necessary, learn the rules of Blackjack by researching it on the web. For this program:
 - The dealer must continue taking cards until the dealer has at least 17 points.
 - Don't allow a player to "split" a hand or "double down."
- The program should accept integer or float entries for the bet amount.
- Getting a blackjack pays out 3:2, which is 1.5 times the bet amount.
- The program should round the blackjack payout to a maximum of two decimal places.

Section 1: Create the program (continued)

Specifications (continued)

- Use a list to store the suit, rank, and point value for each card.
- Use a list of lists to store the cards in the deck. You can use two nested loops to create the deck of cards.
- Use a list of lists to store the dealer's hand and the player's hand.
- When the program starts, it should read the player's money amount from a CSV file named money.txt.
- The program should write the player's money amount to a file any time the data is changed
- Store the functions for writing and reading the money amount in a separate module named db.py.
- Handle the exception that occurs if the program can't find the data file.
- Handle the exceptions that occur if the user enters a string where an integer or float value is expected.
- The program should validate the bet amount.
 - The minimum bet should be 5.
 - The maximum bet should be 1,000.
 - The bet can't be bigger than the player's current amount of money.
- If the money amount drops below the minimum bet (5), the program should give the player the option to buy more chips.