



VERONICA'S BLACKJACK

OVERVIEW OF THE GAME:

This sacred game was played in my family as kids to help us with our math skills. Veronica's Blackjack, named after my brilliant aunt, structured very similar to you traditional Blackjack game. Using a standard deck of playing cards, you place a small bet and receive two cards face up. The dealer receives two cards, one face up and one face down. The goal is to have the highest total value of card compared to the dealer's cards, without going over 21. You have a total of \$10 worth of chips and the minimum bet is \$1. To win the game overall, you will need to double your total starting chips (ie. \$20) or you forfeit the balance of your chips if you quit the game.

CLASSES:

CARD CLASS - Suit and rank are the only two attributes. There are 4 suits (Diamonds, Clubs, Hearts, Spades) each with cards 2-10, three face cards (Jack, Queen, King) and one Ace. Total of 52 cards available.

DECK CLASS - Would call the card class, shuffle, deal and keep track of the 52 unique cards so that a card could only be played once.

CHIPS CLASS - Attributes include starting chips, player bets and winnings a player will start with \$10 worth of chips and play until you lose all \$10 or have a total of no less than \$20. Once they hit \$20 you win the game. Players will be able to set their bets before each hand. The minimum bet is \$1.00 but players can bet more; however, they cannot exceed the value of their chips. For every hand won you earn the value of your bet. Blackjack or a total of 21 (only two cards dealt with one card being an Ace) pays double the bet placed.

HAND CLASS - This class will call the card class from the deck class and add up the values of the cards. This will also need to account for Blackjack or a total of 21 (only two cards dealt with one card being an Ace) or when an Ace can equal 1.



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RULES OF THE GAME:

- The dealer is named Veronica after my aunt who would have us bet with our lunch money!
- The dealer has to hit until the total value of cards is greater than 17
- You can split any two cards that are the same type/rank (obviously excluding suit)?
- V-IRS Penalty: Dealer gets a cut (\$2.00) of winnings if the Player wins 6 hands consecutively.

GAME PLAY:

1. Deck of 52 cards
2. Deck get shuffled and cut
3. Ask Player to place a bet (check that bet does not exceed available chips)
4. Deal one card to the Dealer and one card to the Player until both have 2 cards
5. Show only the last card dealt to the Dealer and both cards belonging to the Player
6. Check for Blackjack, if one of them has 21 adjust chips and go to step 8.
 - 6a. If Dealer wins Blackjack, print a funny statement.
7. Ask Player if Hit:
 - 7a. If Hit give Player another card
 - 7b. Total the value cards, if Player is under 21, ask if they want to Hit or Stay
 - 7c. If Player Busts (exceeds 21), Dealer wins and adjust Player's chips accordingly
8. Ask Player if Stand:
 - 7a. The Dealer will hit until their card value is greater than or equal to 17
 - 7b. If Dealer Busts (exceeds 21), Player wins and adjust chips accordingly
9. Calculate the hand with the highest value and adjust chips.
10. Ask Player to place a bet to play again
11. Track turns winning, if Player wins 6 times in a row, IRS gets a cut of Player's winnings. (My Aunt was great about teaching my life lessons)