Blackjack Game

Cards

name	rank	value
ace	→ 14	→ 11
king	→ 13	→ 10
queen	→ 12	→ 10
jack	→ 11	→ 10
ten	→ 10	→ 10
nine	→ 9	→ 9
eight	→ 8	→ 8
seven	→ 7	→ 7
six	→ 6	→ 6
five	→ 5	→ 5
four	→ 4	→ 4
three	→ 3	→ 3
two	→ 2	→ 2

1.) Print out the rules
 - card values
 - 21 on the first two cards is called Blackjack and it beats all other hands
 - You win if your hand beats the dealers, without going over 21
 - No one wins on a tie
 - If you have less than 21 you may draw another card (Hit) or end your turn (Push)
 - The dealer will not hit if holding 17 or above

2.) Create the deck
 - 52 cards
 - 4 cards of each rank

3) Shuffle the deck

4.) Deal cards to the player and the dealer
 - deal one card at a time, starting with the player
 - the player and the dealer each receive 2 cards

5) The Players turn
 - The player can either "hit" or "stand"
 - The turn is over when:
    - The player chooses to "stand"
    - The player has >= 21
 - The player wins on their turn if they get 21 on their first two cards (Blackjack) and the dealer does not hold blackjack
 - it is a tie (push) if both the player and the dealer hold blackjack

6.) The dealers turn (if the player didn't win already)
 - "hit" until holding >= 21

7.) Determine the winner
 - player wins if holding <= 21 and the dealer holds less than the player

- Hand values are calculated as follows:

  1.) Calculate the initial value of the hand and determine the number of aces
     - sum the cards values → hand Value
     - count the number of cards with a rank of 14 → numAces

  2.) calculate the final value of the hand
     - while hand Value > 21 and numAces > 0
       subtract 10 from hand Value and decrement numAces

Variables
| numAces |
| handValue |