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#How to play blackjack
#1) Create table (game)
#2) Ask name of player
#2) Decide how many decks of cards to play with
#2) Dealer shuffles cards
#3) Deal cards
#   - one for player
#   - one for dealer (face_down)
#   - another for player
#   - another for dealer (face_up)
#4) Calculate scores, only player score is known by the user
#   - If blackjack, find winner and end game
#5) Ask Player if they would like to hit or stay
#   - If hit, calculate score
#   - If blackjack, find winner and end game
#   - If bust, find winner and end game
#6) Dealer hits until 17 is reached
#   - Calculate score
#   - If blackjack, find winner and end game
#   - If bust, find winner and end game
#7) Still no blackjack and no bust
#   -find winner
#   -end game (ask to play again)
#

```

Nouns (and behaviors)

Deck

-Make a deck

- need 52 card objects

-Deal

-needs to produce one card object from the deck

-Shuffle Deck

- shuffle all card objects in deck

Player

-Make a player

- name
- player_score
- hand = []

-Calculate Score

-calculate score of player hand

-Blackjack

- if player_score == 21
 -black_jack = true
 -end game

-Bust

- if player_score > 21
 - bust == true
 - end game

Dealer

-Same thing as player. Should be subclass of same thing

Cards

-Make cards

- suit
- value

Game

- Make players

- Make Dealer out of Player object.
- ask name from player to pass into new Player object.

-Make deck

- ask how many decks to play with

-Play

@end_game = false

-ask if ready to start

if yes then [end_game = false]

while [end_game == false]

- set Player score and dealer score to zero

-set blackjack and bust to false

- deal Player one card

- deal Dealer one card (do not show value)

- deal Player one card

- deal Dealer one card

calculate player score(checks blackjack, check for winner)

calculate dealer score(checks blackjack, check for winner)

ask Player if wants to hit

-deal Player one card

-calculate player score(checks blackjack, check for winner)

-check for bust?

-deal Dealer one card while dealer_score < 17

calculate dealer score(checks blackjack, check for winner)

check for winner

-Player win?

Winner