

Blackjack Game

Savanna Dodson

Deck(contains all the cards)

Variables:

- int Size(the amount of cards in the deck)
- int remainingAmount(cards left in the deck)

Methods:

- deal() deals out cards to the players
- shuffle() shuffles the cards *rando
- reset() starts the deck back over

Card

Variables:

- int rank(where it ranks in the deck)
- int value(number of the card)

Methods:

- setRank() sets the suit
- setValue() sets the # value on card
- getRank() gets the suit
- getValue() gets the #value
- print() prints out the card suit & #

Player

Variables:

- int amountMoney(how much money they have)
- string name(identifies the player)
- int Hand(what cards the player has)
- int Total(amount of money won/lost)

Methods:

- bet() Amount the player is betting
- win() How much money the player will win
- hit() gets a card and the value of the hand goes up

Game

Variables:

- int AmountOfPlayers (all the people playing in the game)
- string DealerOrPlayer (decides whether dealer or player)
- int deal (call deck class to deal out cards)

Methods:

- Print() prints out the cards the dealer dealt
- AcceptBets() Accepts the bets from players
- DealCards() deals out the cards to the players
- Hit() when the dealer hits

Hand

Variables:

- int sizeOfHand
- int remainingHand

Methods:

- Shuffle() re-arrange the deck of cards
- Sort() put cards in order in your hand
- Discard() player chooses a card to remove