

Lab Goal : This lab was designed to teach you more object oriented programming and how to write a larger game.

Lab Description : Write the complete game logic for BlackJack. At this point, Card, BlackJackCard, Deck, AbstractPlayer, Player, and Dealer have all been thoroughly tested. Now, put all of the pieces together to play the game of black jack.

How do you play the game of BlackJack?

```
do{
    1st -    dealer shuffles the deck of cards

    2nd -    deal the player two cards one at a time
            dealer deals himself two cards

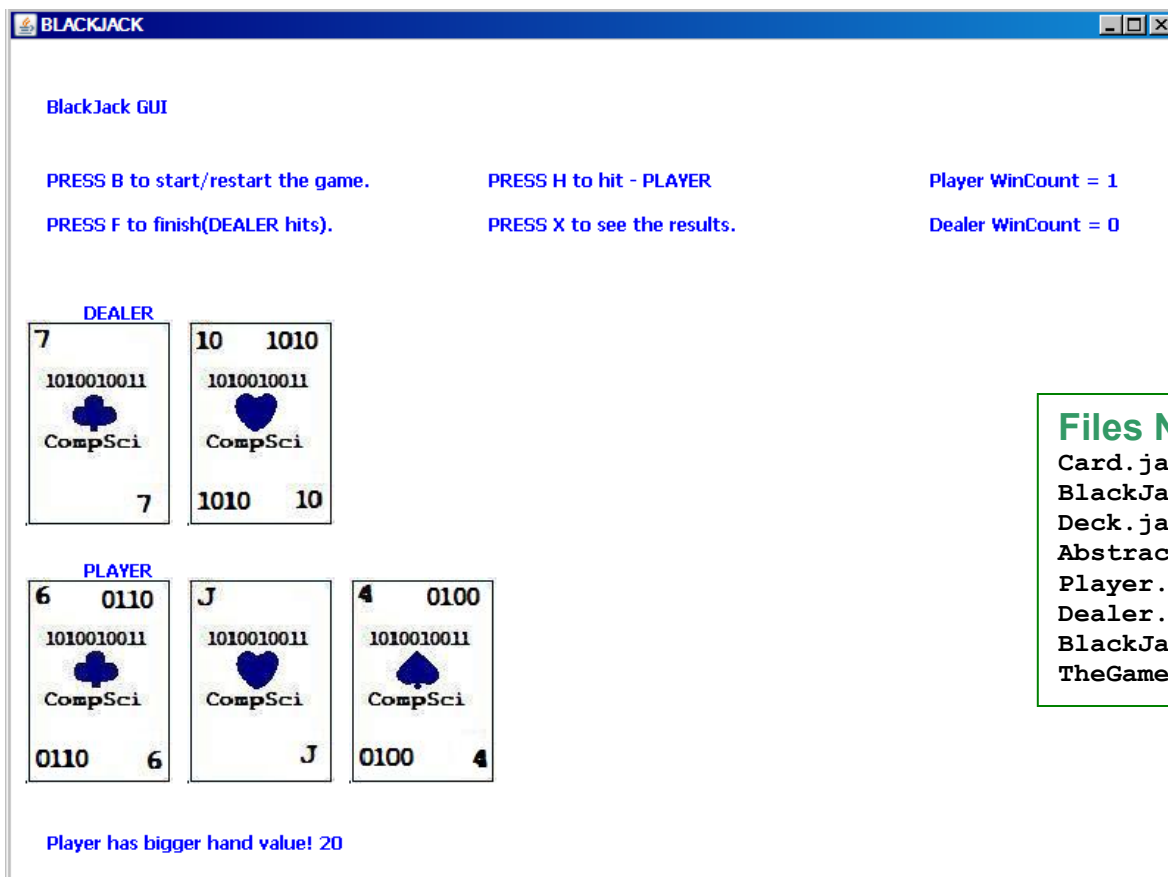
    3rd -    print out player's hand value and cards
            while(hand value < 21 and the player wants to hit)
                deal the player the next card
                print out player's hand value and cards

    4th -    print out dealer's hand value and cards
            while(dealer wants to hit)
                code to add cards should be in dealer hit method
                print out dealer's hand value and cards

    5th -    determine which player won

    6th -    update the win total for the winner

}while another game is to be played
```



Files Needed ::

```
Card.java
BlackJackCard.java
Deck.java
AbstractPlayer.java
Player.java
Dealer.java
BlackJack.java
TheGame.java
```