

Programming II

BlackJack Assignment (part 4)

Create a driver called BlackJack that will use the Deck and Hand Classes to play BlackJack. You should allow the user to decide whether or not they wish to take another card (hit). The dealer will always take another card if his/her hand is valued at less than 17.

You should display the one card that is face up from the Dealer's hand, as well as all of the player's cards.

```
C:\WINDOWS\system32\cmd.exe - java BlackJack
C:\Documents and Settings\Frank\My Document
Stuff>java BlackJack
Welcome to BlackJack
Dealer's Hand
This hand has these cards:
The Jack of Clubs is a value of 10

Player's Hand
This hand has these cards:
The 3 of Spades is a value of 3
The 3 of Clubs is a value of 3

Would you like another Card? y/n
```

After the player finishes taking all the additional cards that he/she wants the dealer will then take cards if the value in the dealer's hand is less than 17.

If the player busts (goes over 21) then report that the player busted. If the player wins then report that the player wins. If the Dealer wins report that the Dealer wins, etc.

```
C:\WINDOWS\system32\cmd.exe
C:\Documents and Settings\Frank\My Document
Stuff>java BlackJack
Welcome to BlackJack
Dealer's Hand
This hand has these cards:
The Jack of Clubs is a value of 10

Player's Hand
This hand has these cards:
The 3 of Spades is a value of 3
The 3 of Clubs is a value of 3

Would you like another Card? y/n
y
Player's Hand
This hand has these cards:
The 3 of Spades is a value of 3
The 3 of Clubs is a value of 3
The 7 of Diamonds is a value of 7

Would you like another Card? y/n
y
Player's Hand
This hand has these cards:
The 3 of Spades is a value of 3
The 3 of Clubs is a value of 3
The 7 of Diamonds is a value of 7
The King of Clubs is a value of 10

Would you like another Card? y/n
n
Busted!!!
```

```
C:\WINDOWS\system32\cmd.exe
C:\Documents and Settings\Frank\My Document
Stuff>java BlackJack
Welcome to BlackJack
Dealer's Hand
This hand has these cards:
The 4 of Diamonds is a value of 4

Player's Hand
This hand has these cards:
The 9 of Spades is a value of 9
The 5 of Hearts is a value of 5

Would you like another Card? y/n
y
Player's Hand
This hand has these cards:
The 9 of Spades is a value of 9
The 5 of Hearts is a value of 5
The 5 of Clubs is a value of 5

Would you like another Card? y/n
n
Dealer's Hand
This hand has these cards:
The 4 of Diamonds is a value of 4
The 3 of Diamonds is a value of 3
The 9 of Clubs is a value of 9
The 6 of Clubs is a value of 6

Player's Hand
This hand has these cards:
The 9 of Spades is a value of 9
The 5 of Hearts is a value of 5
The 5 of Clubs is a value of 5

Player Wins!
```

```
C:\WINDOWS\system32\cmd.exe
C:\Documents and Settings\Frank\My Document
Stuff>java BlackJack
Welcome to BlackJack
Dealer's Hand
This hand has these cards:
The 9 of Spades is a value of 9

Player's Hand
This hand has these cards:
The 9 of Diamonds is a value of 9
The 5 of Hearts is a value of 5

Would you like another Card? y/n
n
Dealer's Hand
This hand has these cards:
The 9 of Spades is a value of 9
The 5 of Spades is a value of 5
The 7 of Diamonds is a value of 7

Player's Hand
This hand has these cards:
The 9 of Diamonds is a value of 9
The 5 of Hearts is a value of 5

Dealer Wins!
```