ICD (Bot Document)

* The cards are dealt (Player gets 2 cards, dealer gets 2 cards (only 1 card is hidden from the player))
* The “Bot” has a 2DArray already filled with multiple scenarios for a game of Blackjack
* For each of the 10 games that are played, the “Bot” will pass in one of these scenarios into the game itself.
* Depending on the command within the array, the “Bot” will pass in a command and the game and make the next move.
* If the player passes 21 at any point the Dealer wins the game.
* If the player has a score higher than the Dealer and is less than 21, then the Player wins.
* After a score has been determined for both the Player and the Dealer, the whoWon() function is ran in order to determine a victor.
* Bot.java is located in Sprint 3 Folder

Example Output from running Bot:

Player Hand:

5 of Clubs

4 of Clubs

Score: 9

Dealer Hand:

8 of Diamonds

???? of ??????

hit

Player Hand:

5 of Clubs

4 of Clubs

10 of Diamonds

Score: 19

stand

You stand

Dealer playing hand...

Dealer stands...

Who won?????

Player Hand:

5 of Clubs

4 of Clubs

10 of Diamonds

Score: 19

Dealer Hand:

8 of Diamonds

11 of Clubs

Score: 18

You win!! :)

Player Hand:

9 of Spades

10 of Diamonds

Score: 19

Dealer Hand:

5 of Clubs

???? of ??????

hit

Player Hand:

9 of Spades

10 of Diamonds

8 of Diamonds

Score: 27

Who won?????

Player Hand:

9 of Spades

10 of Diamonds

8 of Diamonds

Score: 27

Dealer Hand:

5 of Clubs

11 of Diamonds

Score: 15

Sorry you busted!! You lose. :(

Player Hand:

4 of Diamonds

3 of Clubs

Score: 7

Dealer Hand:

11 of Hearts

???? of ??????

stand

You stand

Dealer playing hand...

Dealer stands...

Who won?????

Player Hand:

4 of Diamonds

3 of Clubs

Score: 7

Dealer Hand:

11 of Hearts

7 of Diamonds

Score: 17

Sorry!! You lose. :(

Player Hand:

10 of Diamonds

6 of Spades

Score: 16

Dealer Hand:

10 of Diamonds

???? of ??????

hit

Player Hand:

10 of Diamonds

6 of Spades

6 of Clubs

Score: 22

Who won?????

Player Hand:

10 of Diamonds

6 of Spades

6 of Clubs

Score: 22

Dealer Hand:

10 of Diamonds

5 of Diamonds

Score: 15

Sorry you busted!! You lose. :(

Player Hand:

6 of Spades

10 of Spades

Score: 16

Dealer Hand:

2 of Clubs

???? of ??????

hit

Player Hand:

6 of Spades

10 of Spades

10 of Hearts

Score: 26

Who won?????

Player Hand:

6 of Spades

10 of Spades

10 of Hearts

Score: 26

Dealer Hand:

2 of Clubs

3 of Clubs

Score: 5

Sorry you busted!! You lose. :(

Player Hand:

9 of Clubs

8 of Clubs

Score: 17

Dealer Hand:

7 of Diamonds

???? of ??????

stand

You stand

Dealer playing hand...

Dealer adding card to hand...

Dealer stands...

Who won?????

Player Hand:

9 of Clubs

8 of Clubs

Score: 17

Dealer Hand:

7 of Diamonds

9 of Diamonds

10 of Spades

Score: 26

Dealer busted!! You win!! :)

Player Hand:

5 of Diamonds

9 of Diamonds

Score: 14

Dealer Hand:

6 of Spades

???? of ??????

hit

Player Hand:

5 of Diamonds

9 of Diamonds

10 of Clubs

Score: 24

Who won?????

Player Hand:

5 of Diamonds

9 of Diamonds

10 of Clubs

Score: 24

Dealer Hand:

6 of Spades

6 of Diamonds

Score: 12

Sorry you busted!! You lose. :(

Player Hand:

7 of Clubs

2 of Clubs

Score: 9

Dealer Hand:

10 of Clubs

???? of ??????

stand

You stand

Dealer playing hand...

Dealer stands...

Who won?????

Player Hand:

7 of Clubs

2 of Clubs

Score: 9

Dealer Hand:

10 of Clubs

10 of Clubs

Score: 20

Sorry!! You lose. :(

Player Hand:

8 of Spades

3 of Spades

Score: 11

Dealer Hand:

5 of Spades

???? of ??????

hit

Player Hand:

8 of Spades

3 of Spades

4 of Diamonds

Score: 15

stand

You stand

Dealer playing hand...

Dealer adding card to hand...

Dealer stands...

Who won?????

Player Hand:

8 of Spades

3 of Spades

4 of Diamonds

Score: 15

Dealer Hand:

5 of Spades

7 of Diamonds

8 of Hearts

Score: 20

Sorry!! You lose. :(

Player Hand:

7 of Hearts

10 of Clubs

Score: 17

Dealer Hand:

3 of Clubs

???? of ??????

hit

Player Hand:

7 of Hearts

10 of Clubs

6 of Spades

Score: 23

Who won?????

Player Hand:

7 of Hearts

10 of Clubs

6 of Spades

Score: 23

Dealer Hand:

3 of Clubs

6 of Hearts

Score: 9

Sorry you busted!! You lose. :(