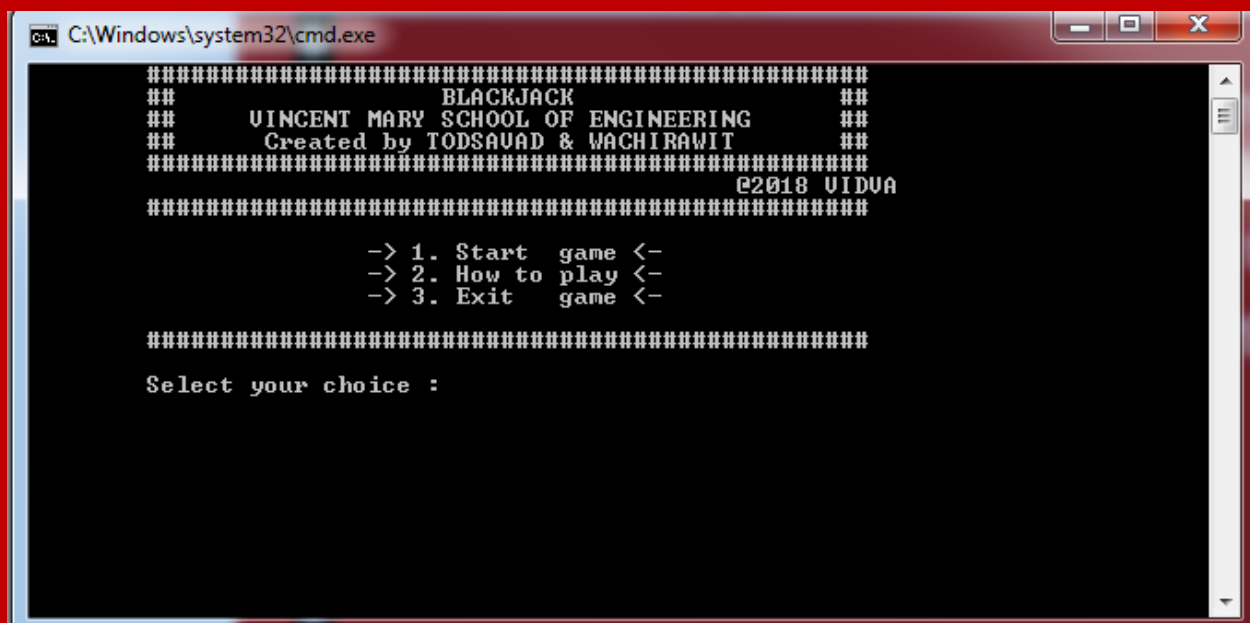


**BLACKJACK**  
**Programmed**  
**By**  
**Todsavad & Wachirawit**  
**6114215 & 6115258**



# INTRODUCTION

Blackjack is a really fun card game which traditionally belongs in the casino. So we thought, what if we created the blackjack game experience with the c program. So here it is!!



```
C:\Windows\system32\cmd.exe

#####
##          BLACKJACK          ##
## VINCENT MARY SCHOOL OF ENGINEERING ##
##   Created by TODSAUAD & WACHIRAWIT   ##
#####
#####                e2018 VIDUA                #####
#####

-> 1. Start  game <-
-> 2. How to play <-
-> 3. Exit   game <-

#####

Select your choice :
```

## PROJECT DESCRIPTION

This project is created for fun by Nont and Gun. It is Blackjack without the betting part. If you got more close to 21 than the bot, you win. If you get 21, you win and get jackpot.

```
C:\Windows\system32\cmd.exe

#####

                                HOW TO PLAY

- An Ace can count as either 1 or 11, as explained below.
- The cards from 2 through 9 are valued at their face value.
- The 10, Jack, Queen, and King are all valued at 10.

  C  ?  : Club card      D  ?  : Diamond card
  |  |  |
  |  ?  |
  |  C  |
  |  |  |

  H  ?  : Heart card    S  ?  : Spade card
  |  |  |
  |  ?  |
  |  H  |
  |  |  |

- In game, you must sum your card to less or
  equal than 21.

#####

Would you like to go the previous screen ? <Y/N> :
```

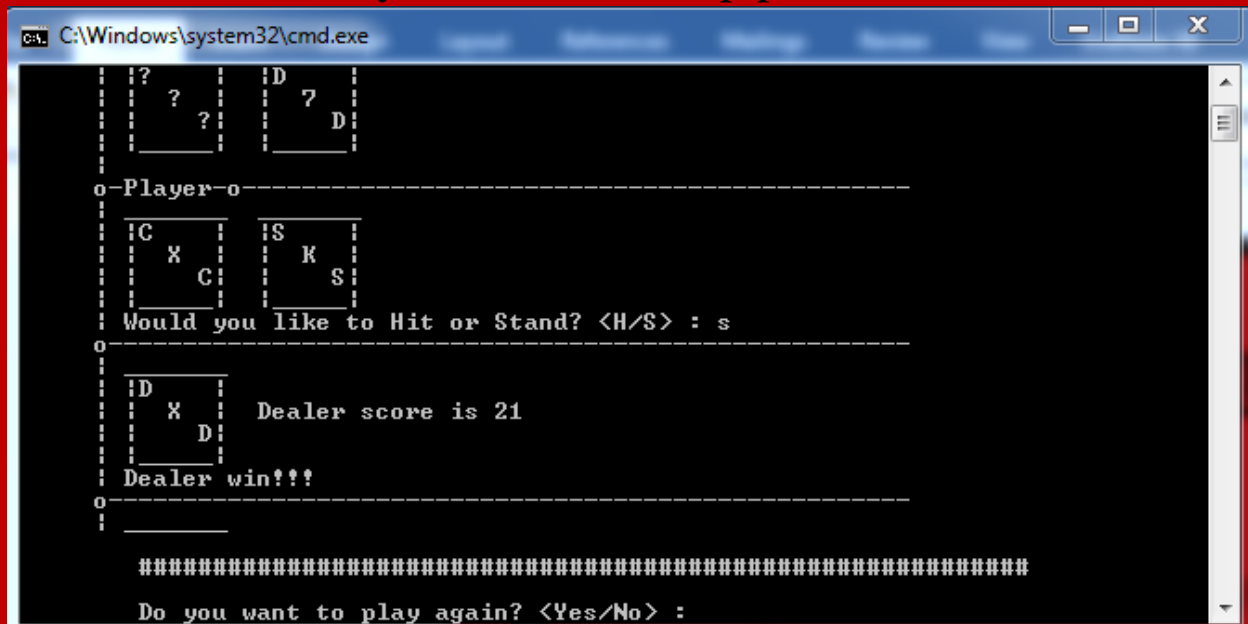
# INSTRUCTION MANUAL

## OBJECT OF THE GAME

Each participant attempts to beat the dealer by getting a count as close to 21 as possible, without going over 21.

## CARD VALUES/SCORING

It is up to each individual player if an ace is worth 1 or 11. Face cards are 10 and any other card is its pip value.

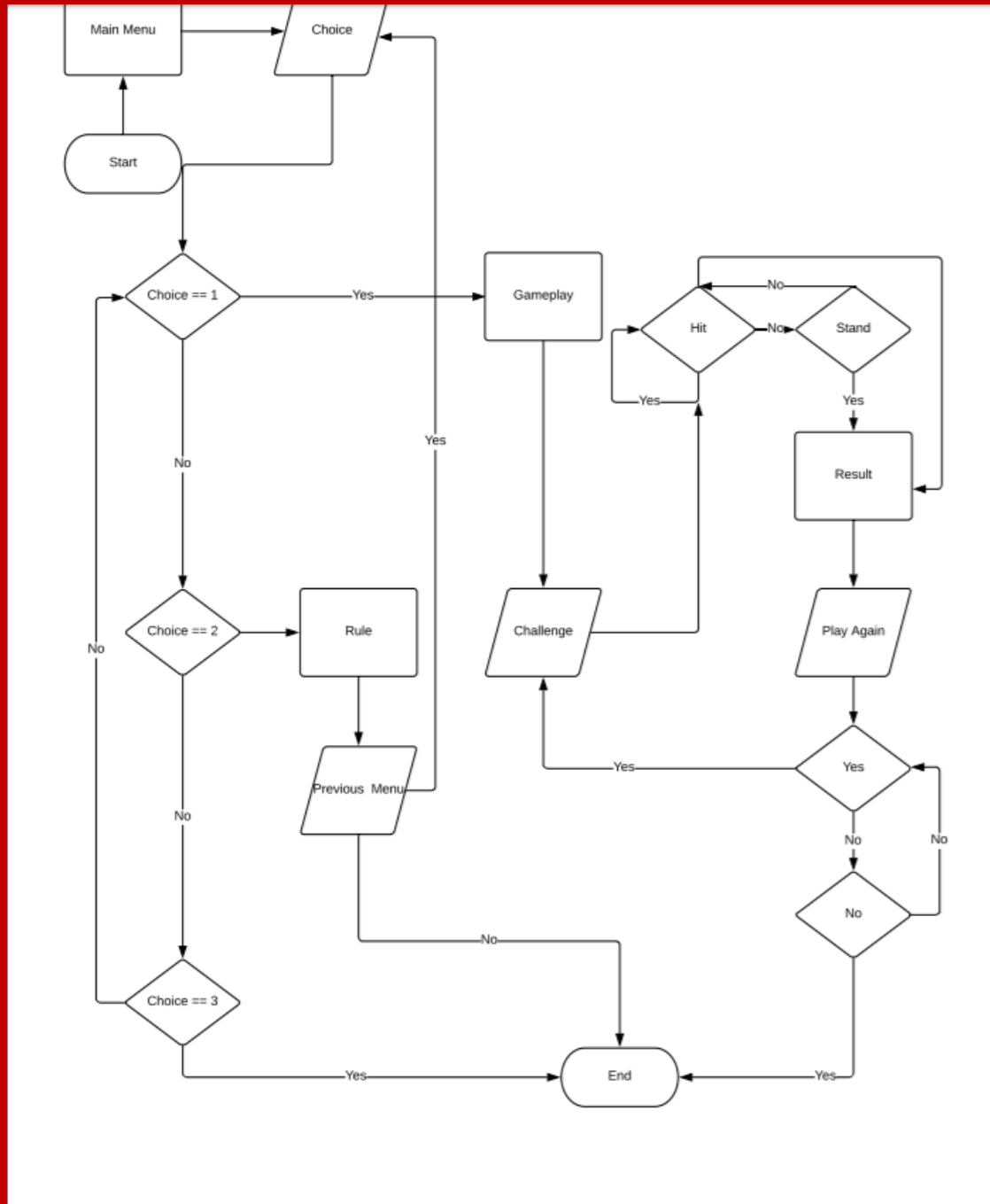


```
C:\Windows\system32\cmd.exe
? ? D ?
? ? D
o-Player-o-----
C 8 C S K S
Would you like to Hit or Stand? <H/S> : s
o-----
D 8 D Dealer score is 21
Dealer win!!!
o-----
#####
Do you want to play again? <Yes/No> :
```

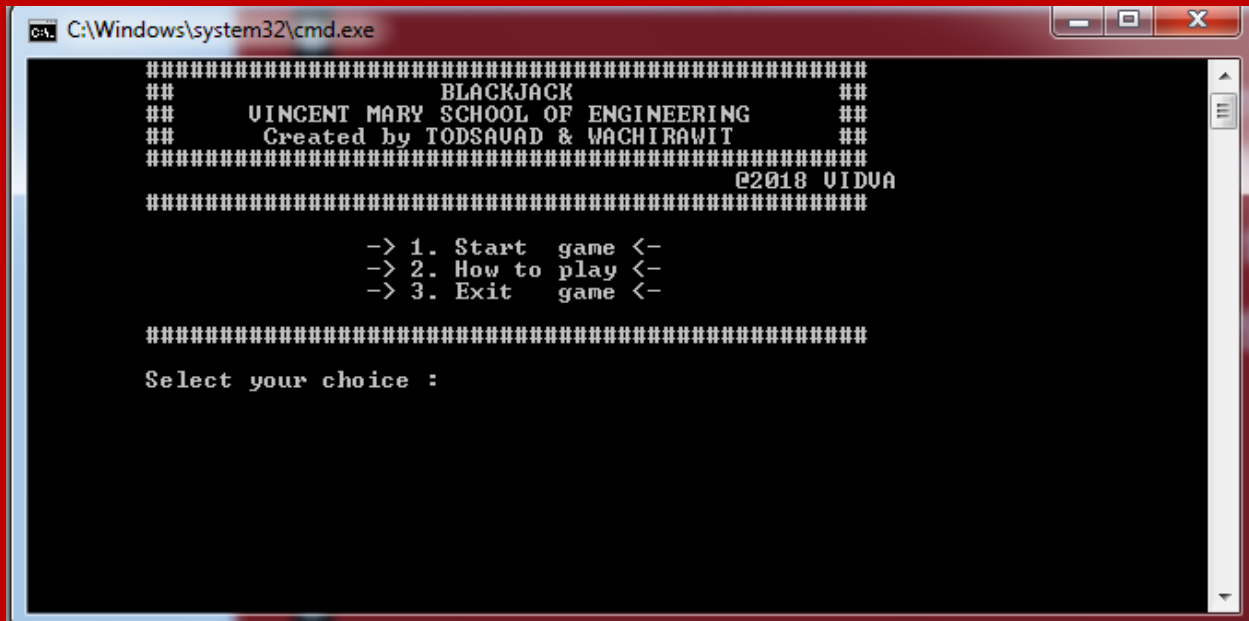
**Hit :** Draw one more card to the sum.

**Stand :** Use the card that you already have.

# FLOWCHART



# RESULT



```
C:\Windows\system32\cmd.exe

#####
##                BLACKJACK                ##
##   VINCENT MARY SCHOOL OF ENGINEERING   ##
##   Created by TODSAVAD & WACHIRAWIT     ##
#####
#####                                e2018 UIDUA
#####

-> 1. Start  game <-
-> 2. How to play <-
-> 3. Exit   game <-

#####

Select your choice :
```

This is the menu that has 3 choices.

1.Start Game

2.How to play

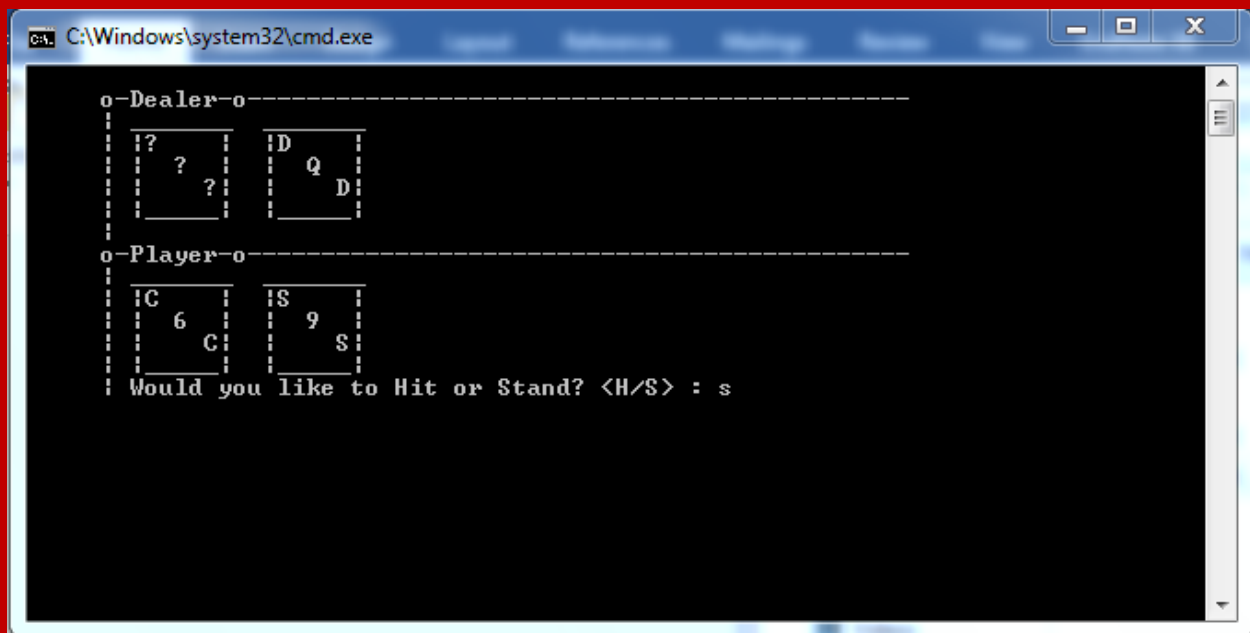
3.Exit Game

**The first choice** : it will display one of the bot's card and the sum of your card.

You will have a choice of hit or stand

**Hit** : Draw one more card to the sum.

**Stand** : Use the card that you already have.



```
C:\Windows\system32\cmd.exe

o-Dealer-o-----
|  |  |  |  |  |  |
| 1?  ?  ?  |  |D  Q  D|
|  |  |  |  |  |  |
+-----+
o-Player-o-----
|  |  |  |  |  |  |
| C  6  C  |  |S  9  S|
|  |  |  |  |  |  |
+-----+
Would you like to Hit or Stand? <H/S> : s
```



When you play finish , the game would tell you what you want to play again?

```
C:\Windows\system32\cmd.exe
```

```
o-Player-o-----  
| H      | D      |  
| 8       | 2       |  
|   H    |   D    |  
+-----+ +-----+  
Would you like to Hit or Stand? <H/S> : U  
  
Incorrect Choice. Please Enter H for Hit or S for Stand :H  
  
| H      | Player score is 15  
| 5       |  
|   H    |  
+-----+  
Would you like to Hit or Stand? <H/S> : H  
  
| C      | Player score is 25  
| Q       |  
|   C    |  
+-----+  
You lose!!!  
  
#####  
  
Do you want to play again? <Yes/No> : N
```

**The second choice** : the rule to play blackjack.

```

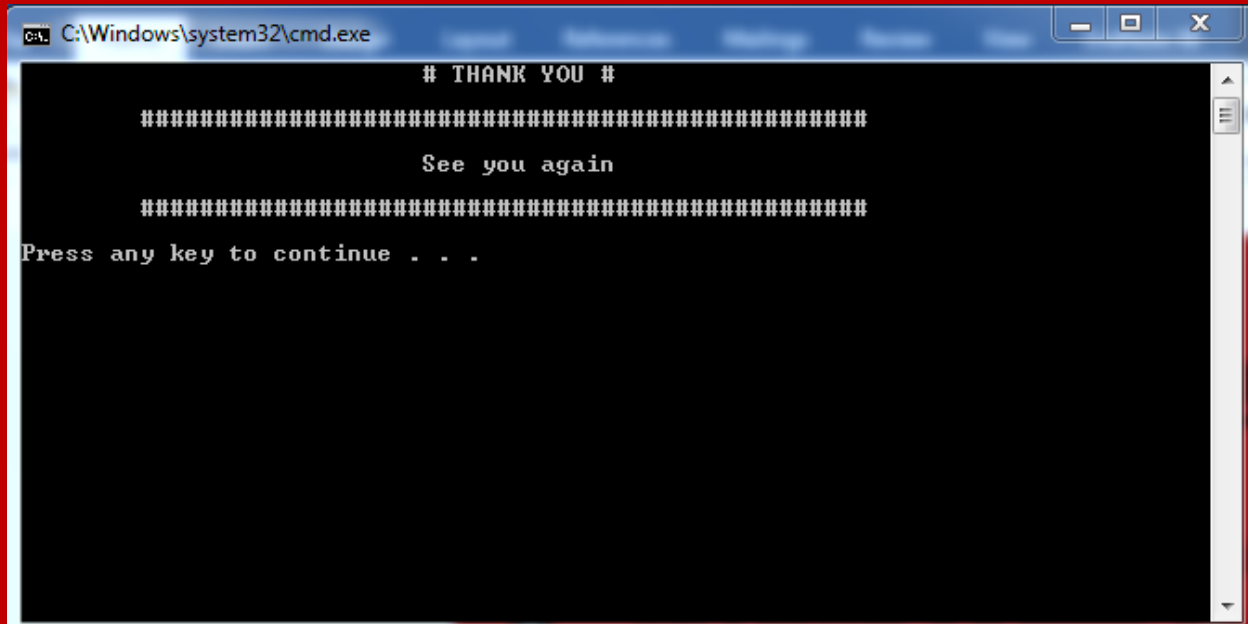
C:\Windows\system32\cmd.exe
|?  ? | |D  ? |
|_____| |_____|
|
o-Player-o-----
|C  | |S  |
|X  | |K  |
|  C| |  S|
|_____| |_____|
Would you like to Hit or Stand? <H/S> : s
o-----
|D  |
|X  | Dealer score is 21
|  D|
|_____|
Dealer win!!!
o-----
|
#####

Do you want to play again? <Yes/No> :

```



## The third choice : The exit game.



```
C:\Windows\system32\cmd.exe

# THANK YOU #

#####

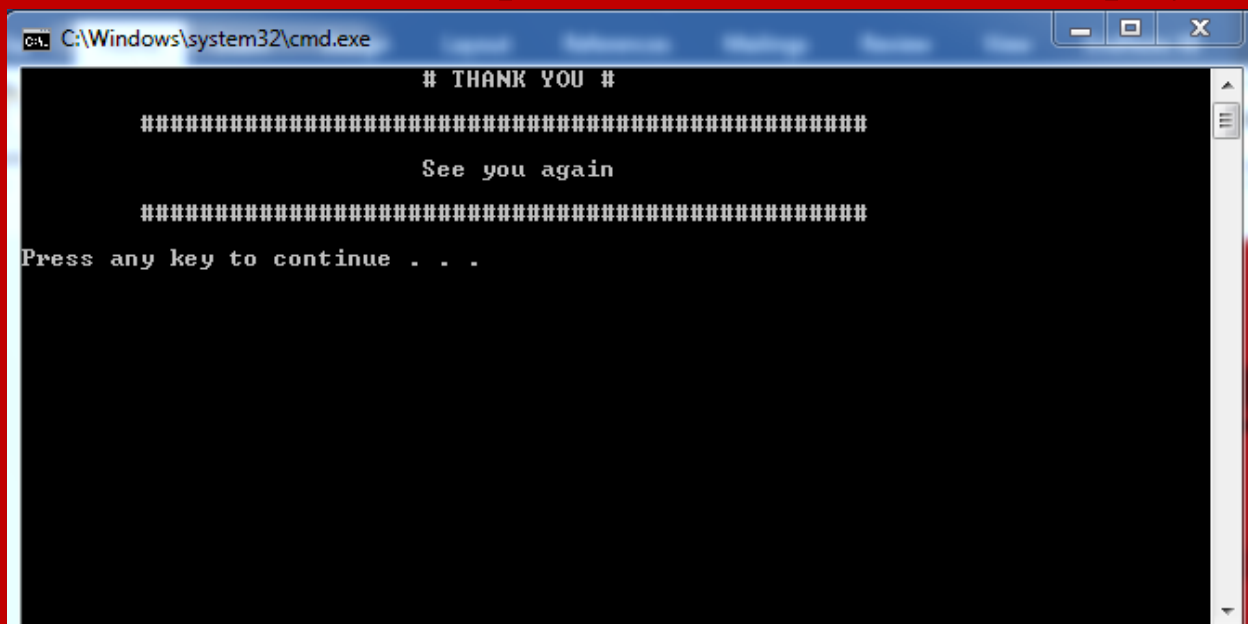
See you again

#####

Press any key to continue . . .
```

## CONCLUSION

In conclusion, the blackjack game we programmed was a success. It is simple, fun, and homemade. Hope you



```
C:\Windows\system32\cmd.exe

# THANK YOU #

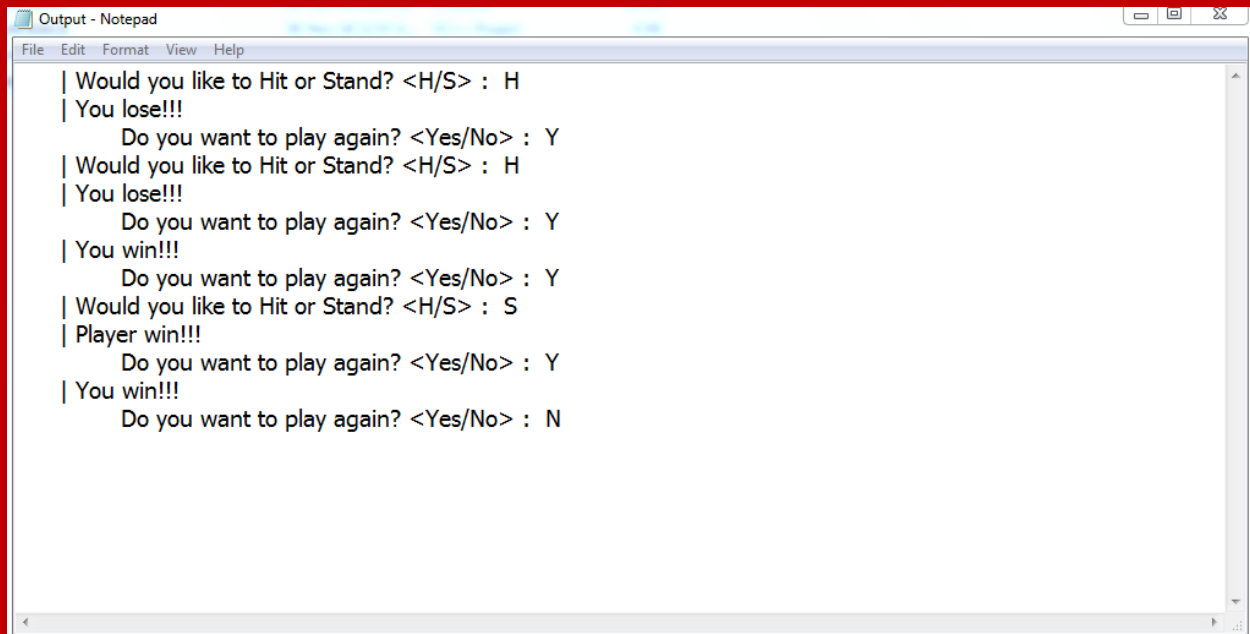
#####

See you again

#####

Press any key to continue . . .
```

This is the file of result (Output. txt)



```
Output - Notepad
File Edit Format View Help
| Would you like to Hit or Stand? <H/S> : H
| You lose!!!
    Do you want to play again? <Yes/No> : Y
| Would you like to Hit or Stand? <H/S> : H
| You lose!!!
    Do you want to play again? <Yes/No> : Y
| You win!!!
    Do you want to play again? <Yes/No> : Y
| Would you like to Hit or Stand? <H/S> : S
| Player win!!!
    Do you want to play again? <Yes/No> : Y
| You win!!!
    Do you want to play again? <Yes/No> : N
```

```
| Would you like to Hit or Stand? <H/S> : U
    Incorrect Choice. Please Enter H for Hit or S for Stand : H
| Would you like to Hit or Stand? <H/S> : H
| You lose!!!
    Do you want to play again? <Yes/No> : U
    Incorrect Choice. Please Enter Y for Yes or N for No : Y
| Would you like to Hit or Stand? <H/S> : H
| Would you like to Hit or Stand? <H/S> : S
| Draw game!!!
    Do you want to play again? <Yes/No> : N
```