"Choose a choice:

a. Administrator (login as an administrator and change/replace the words used in

the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)"""

Inputs	'a'	'b'	'c'	1	'h'	'A'	'B'	'C'
What should happen	Should Pass	Should Pass	Should Pass	Should not Pass	Should not Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output = 'a':

```
Choose an option
a. Administrator (login as an administrator and change/replace the words used in
the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? a
Enter your first name:

>?
```

Output = 'b':

```
Choose an option
a. Administrator (login as an administrator and change/replace the words used in
the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? b
Do you want to play? Y = Yes, N = No
>?
```

Output = 'c':

```
Choose an option
a. Administrator (login as an administrator and change/replace the words used in
the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? c
Thanks for Playing :)
Cya around :)

Process finished with exit code 0
```

Output = 1:

```
Choose an option
a. Administrator (login as an administrator and change/replace the words
the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? 1
Invalid Input
Choose an option
a. Administrator (login as an administrator and change/replace the words
    the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)

>?
```

Output = 'h':

```
Choose an option
a. Administrator (login as an administrator and change/replace the words us
    the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? h
Invalid Input
Choose an option
a. Administrator (login as an administrator and change/replace the words us
    the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
```

'A':

```
Choose an option
a. Administrator (login as an administrator and change/replace the words us
    the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? A
Enter your first name:

>?
```

'B':

```
Choose an option
a. Administrator (login as an administrator and change/replace the words
the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? B
Do you want to play? Y = Yes, N = No
>?
```

'C':

```
Choose an option
a. Administrator (login as an administrator and change/replace the words us
the game)

b. Player (login as a player and play without altering the grids at all)

c. Exit the system (Quit the Game)
>? C
Thanks for Playing :)
Cya around :)

Process finished with exit code 0
```

1) Administrator Inputs 'a':

a. "Enter your first name."

Inputs	'Adnan'	'Shah'	'Marjahan'	'Begum'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output = 'Adnan':

```
Enter your first name:
>? Adnan
Enter your last name:


>?
```

Output = 'Shah':

```
Enter your first name:
>? Shah
Enter your last name:


>?
```

Output = 'Marjahan":

```
Enter your first name:
>? Marjahan
Enter your last name:


>?
```

Output = 'Begum':

```
Enter your first name:
>? Begum
Enter your last name:


>?
```

Output = 11:

```
Enter your first name:
>? 11
Enter your last name:


>?
```

Output = 11lol:

```
Enter your first name:
>? 11lol
Enter your last name:


>?
```

b. "Enter your last name."

Inputs	'Shah'	'Adnan'	'Begum'	'Marjahan'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output: 'Shah':

```
('Name: ', '11lolShah')
encrypted username: 118cebbca58b59a36e8f3a34e8c7525e5c6869f96e1
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output: 'Adnan':

```
Enter your first name:
>? stp
Enter your last name:
>? Adnan
('Name: ', 'stpAdnan')
encrypted username: 5336247bc419eb1eb7e85f9b4cacbd082942be0c1db
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = "Begum":

```
Enter your first name:
>? STP
Enter your last name:
>? Begum
('Name: ', 'STPBegum')
encrypted username: 7084eec141ac9727df87409a40e5737b87a708e2693
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output: 'Marjahan':

```
Enter your last name:
>? Marjahan
('Name: ', 'STPMarjahan')
encrypted username: 4e388ab32b10dc8dbc7e2814
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = 11:

```
Enter your last name:
>? 11
('Name: ', 'stp11')
encrypted username: 5b374e494d8e27b46b644
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = '11lol':

```
Enter your last name:
>? 11lol
('Name: ', 'stp11lol')
encrypted username: bf5a0447a2c7a83834a941
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

c. "Would you like to change any words in the crossword grid? (Y = Yes, N = no)"

Inputs	'y'	'n'	'Y'	'N'	'm'	'P'	7
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should not Pass	Should not Pass	Should not Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful

Output: 'y':

```
{1: 'A', 2: '0', 3: 'C', 4: 'L', 5: 'S', 6: 'P', 7: 'I', 8: 'E'}
{1: '_', 2: '_', 3: '_', 4: '_', 5: '_', 6: '_', 7: '_', 8: '_'}
Would you like to change any words in the crossword grid? (Y = Yes, N = no)
>? y
Type in the word you'd like to change (Look at the 1st grid, figure 1)

>?
```

Output = 'n':

```
>? n
# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], [
# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


Do you want to play? Y = Yes, N = No
>?
```

Output: 'Y':

```
Would you like to change any words in the cros
>? Y
Type in the word you'd like to change (Look at

>?
```

Output: 'N':

```
# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], [
# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


Do you want to play? Y = Yes, N = No
>?
```

Output: 'm':

```
Invalid Input
Would you like to change any words in the crossword grid? (1 = Yes, 0 =

>?
```

Output: 'P':

```
Invalid Input
Would you like to change any words in the crossword grid? (1 = Yes, 0 =

>?
```

Output: 7:

```
Invalid Input
Would you like to change any words in the crossword grid? (1 = Yes, 0 =

>?
```

If input c. equals ==" Y" or "y":

c. a. "Type in the word you'd like to change (Look at the 1st grid, figure 1)"

If word in if statements:

Inputs	'Shah'	'Adnan'	'Begum'	'Marjahan'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Inputs	'Pip'	'Class'	'Loop'	'Slice'
What should happen	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output: 'Shah':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 'Adnan':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 'Begum':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 'Marjahan':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 11:

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: '11lol':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output = 'Pip':

```
Enter the word you'd like to replace this word with:

>?
```

Output: 'Class':

```
Enter the word you'd like to replace this word with:

>?
```

Output: 'Loop':

```
Enter the word you'd like to replace this word with:

>?
```

Output = 'Slice':

```
Enter the word you'd like to replace this word with:


>?
```

If input == "pip" or "class" or "loop" or "slice":

c. a. a. "Enter the word you'd like to replace this word with":

Inputs	'Shah'	'Adnan'	'Begum'	'Marjahan'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Inputs	'Sit'	'Brass'	'Boop'	'Dimes'
What should happen	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output: 'Shah':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 'Adnan':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 'Begum':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 'Marjahan':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: 11:

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #


# # # # # # # # #
# # # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '
```

Output: '11lol':

```
# # # # # # # #
# # # # # # # #
C L A S S # # S #
# O # # # # L #
# O # # # # I #
# P I P # # C #
# # # # # # E #
# # # # # # # #
# # # # # # # #


# # # # # # # #
# # # # # # # #
3 4 1 5 5 # # 5 #
# 2 # # # # 4 #
# 2 # # # # 7 #
# 6 7 6 # # 3 #
# # # # # # 8 #
# # # # # # # #
# # # # # # # #
```

[['#', '#', '#', '#', '#', '#', '#', '#', '#'], ['#', '#', '#', '#', '#', '

Output = 'Sit':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # L #
# O # # # # I #
# S I T # # C #
# # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output: 'Brass':

```
# # # # # # # #
# # # # # # # #
B R A S S # # S #
# O # # # # L #
# O # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # #
```

Output: 'Boop':

```
# # # # # # # #
# # # # # # # #
C B A S S # # S #
# O # # # # L #
# O # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # #
# # # # # # # #
```

Output:' Dimes':

```
# # # # # # # # #
# # # # # # # # #
C L A S S # # D #
# O # # # # I #
# O # # # # M #
# P I P # # # E #
# # # # # # # S #
# # # # # # # # #
# # # # # # # #
```

If user inputs ("Y" and the words listed above) or ("N") or ("n"):

c. b. "Do you want to play? Y = Yes, N = No"

Inputs	'y'	'n'	'Y'	'N'	'm'	'P'	7
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should not Pass	Should not Pass	Should not Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful

Output: 'y':

```
Do you want to play? Y = Yes, N = No
Enter your first name Player 1:


>?
```

Output = 'n':

```
Do you want to play? Y = Yes, N = No
Cya around :)

Process finished with exit code 0
```

Output: 'Y':

```
Do you want to play? Y = Yes, N = No
Enter your first name Player 1:


>?
```

Output: 'N':

```
Do you want to play? Y = Yes, N = No
Cya around :)

Process finished with exit code 0
```

Output: 'm':

```
Do you want to play? Y = Yes, N = No
Invalid Input. Do you want to play?
```

Output: 'P':

```
Do you want to play? Y = Yes, N = No
Invalid Input. Do you want to play?
```

Output: 7:

```
Do you want to play? Y = Yes, N = No
Invalid Input. Do you want to play?
```

2) Player Inputs – 'b':

a. "Do you want to play? Y = Yes, N = No"

Inputs	'y'	'n'	'Y'	'N'	'm'	'P'	7
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should not Pass	Should not Pass	Should not Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful

Output: 'y':

```
Do you want to play? Y = Yes, N = No
Enter your first name Player 1:


>?
```

Output = 'n':

```
Do you want to play? Y = Yes, N = No
Cya around :)

Process finished with exit code 0
```

Output: 'Y':

```
Do you want to play? Y = Yes, N = No
Enter your first name Player 1:


>?
```

Output: 'N':

```
Do you want to play? Y = Yes, N = No
Cya around :)

Process finished with exit code 0
```

Output: 'm':

```
Do you want to play? Y = Yes, N = No
Invalid Input. Do you want to play?
```

Output: 'P':

```
Do you want to play? Y = Yes, N = No
Invalid Input. Do you want to play?
```

Output: 7:

```
Do you want to play? Y = Yes, N = No
Invalid Input. Do you want to play?
```

b. Enter your first name Player 1:

Inputs	'Adnan'	'Shah'	'Marjahan'	'Begum'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output = 'Adnan':

```
Enter your first name:
>? Adnan
Enter your last name:


>?
```

Output = 'Shah':

```
Enter your first name:
>? Shah
Enter your last name:


>?
```

Output = 'Marjahan":

```
Enter your first name:
>? Marjahan
Enter your last name:


>?
```

Output = 'Begum':

```
Enter your first name:
>? Begum
Enter your last name:


>?
```

Output = 11:

```
Enter your first name:
>? 11
Enter your last name:


>?
```

Output = 11lol:

```
Enter your first name:
>? 11lol
Enter your last name:


>?
```


c. "Enter your last name Player 1".

Inputs	'Shah'	'Adnan'	'Begum'	'Marjahan'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output: 'Shah':

```
('Name: ', '11lolShah')
encrypted username: 118cebbca58b59a36e8f3a34e8c7525e5c6869f96e1
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # L #
# O # # # # I #
# P I P # # C #
# # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output: 'Adnan':

```
Enter your first name:
>? stp
Enter your last name:
>? Adnan
('Name: ', 'stpAdnan')
encrypted username: 5336247bc419eb1eb7e85f9b4cacbd082942be0c1db
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # L #
# O # # # # I #
# P I P # # C #
# # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = "Begum":

```
Enter your first name:
>? STP
Enter your last name:
>? Begum
('Name: ', 'STPBegum')
encrypted username: 7084eec141ac9727df87409a40e5737b87a708e26937
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output: 'Marjahan':

```
Enter your last name:
>? Marjahan
('Name: ', 'STPMarjahan')
encrypted username: 4e388ab32b10dc8dbc7e2814
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = 11:

```
Enter your last name:
>? 11
('Name: ', 'stp11')
encrypted username: 5b374e494d8e27b46b644
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = '11lol':

```
Enter your last name:
>? 11lol
('Name: ', 'stp11lol')
encrypted username: bf5a0447a2c7a83834a941
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

d. Enter your first name Player 2:

Inputs	'Adnan'	'Shah'	'Marjahan'	'Begum'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output = 'Adnan':

```
Enter your first name:
>? Adnan
Enter your last name:


>?
```

Output = 'Shah':

```
Enter your first name:
>? Shah
Enter your last name:


>?
```

Output = 'Marjahan":

```
Enter your first name:
>? Marjahan
Enter your last name:


>?
```

Output = 'Begum':

```
Enter your first name:
>? Begum
Enter your last name:


>?
```

Output = 11:

```
Enter your first name:
>? 11
Enter your last name:


>?
```

Output = 11lol:

e. "Enter your last name Player 2".

Inputs	'Shah'	'Adnan'	'Begum'	'Marjahan'	11	11lol
What should happen	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass	Should Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful	Passed – Test Successful

Output: 'Shah':

Output: 'Adnan':

```
Enter your first name:
>? stp
Enter your last name:
>? Adnan
('Name: ', 'stpAdnan')
encrypted username: 5336247bc419eb1eb7e85f9b4cacbd082942be0c1db
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = "Begum":

```
Enter your first name:
>? STP
Enter your last name:
>? Begum
('Name: ', 'STPBegum')
encrypted username: 7084eec141ac9727df87409a40e5737b87a708e26937
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output: 'Marjahan':

```
Enter your last name:
>? Marjahan
('Name: ', 'STPMarjahan')
encrypted username: 4e388ab32b10dc8dbc7e2814
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = 11:

```
Enter your last name:
>? 11
('Name: ', 'stp11')
encrypted username: 5b374e494d8e27b46b644
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # # L #
# O # # # # # I #
# P I P # # # C #
# # # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

Output = '11lol':

```
Enter your last name:
>? 11lol
('Name: ', 'stp11lol')
encrypted username: bf5a0447a2c7a83834a941
# # # # # # # # #
# # # # # # # # #
C L A S S # # S #
# O # # # # L #
# O # # # # I #
# P I P # # C #
# # # # # # E #
# # # # # # # # #
# # # # # # # # #
```

f. "Pick a square to fill in (from 1 to 8):"

Inputs	5	20	'f'	'gargoyle'
What should happen	Should Pass	Should not Pass	Should not Pass	Should not Pass
What happens - Output	Passed – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful

Output = 5:

```
Guess which letter is in this square:

>?
```

Output = 20:

```
Guess which letter is in this square:

>?
```

Output: 'f':

```
Invalid input
Pick a square to fill in (from 1 to 8):
```

Output = 'gargoyle':

```
Invalid input
Pick a square to fill in (from 1 to 8):
```

g. Guess which letter is in this square:

Inputs	'a'	'f'	25	'+'{`/?'	'gargoyle'
What should happen	Should Pass	Should Pass	Should not Pass	Should not Pass	Should not Pass
What happens - Output	Passed – Test Successful	Passed – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful

Output = 'a':

Output: 'f':

```
Guess which letter is in this square:
>? f
Which letter could it be ('Name: ', 'AdnanShah')?
3
# # # # # # # # #
# # # # # # # # #
3 4 F 5 5 # # 5 #
# 2 # # # # # 4 #
# 2 # # # # # 7 #
# 6 7 6 # # # 3 #
# # # # # # # 8 #
# # # # # # # # #
# # # # # # # # #


{1: '_', 2: '_', 3: '_', 4: '_', 5: '_', 6: '_',
Pick a square to fill in (from 1 to 8):

>?
```

Output = 25:

```
Invalid input
Guess which letter is in this square:

>?
```

Output = "+' {`?':

```
Invalid input
Guess which letter is in this square:

>?
```

Output = 'gargoyle':

```
Invalid input
Guess which letter is in this square:

>?
```

3. Exit the system (Quit the Game)

Inputs	'c'	'b'	'a'	25	'+'{`/?'
What should happen	Should Pass	Should not Pass	Should not Pass	Should not Pass	Should not Pass
What happens - Output	Passed – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful	Did not Pass – Test Successful

Output:

```
Choose an option
a. Administrator (login as an administrator and cha
the game)

b. Player (login as a player and play without alte

c. Exit the system (Quit the Game)
>? c
Thanks for Playing :)
Cya around :)

Process finished with exit code 0
```