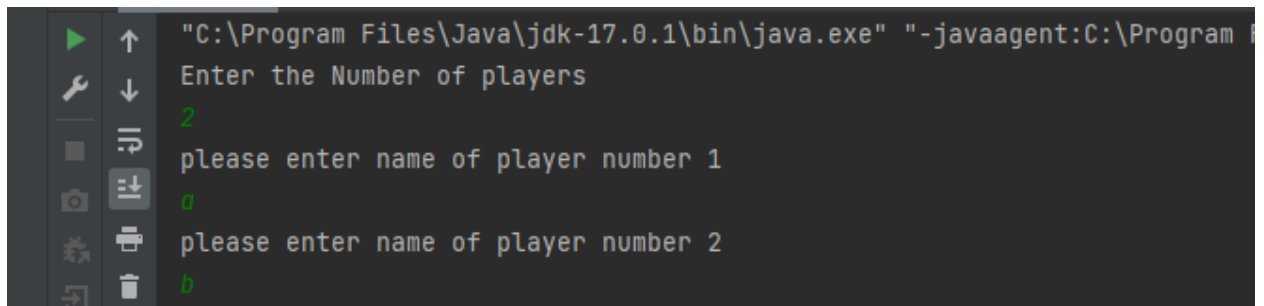


ARYAN PUWAR (PROJECT 11 - SIMULATE A GAME OF HOUSIE) HELPER DOCUMENT

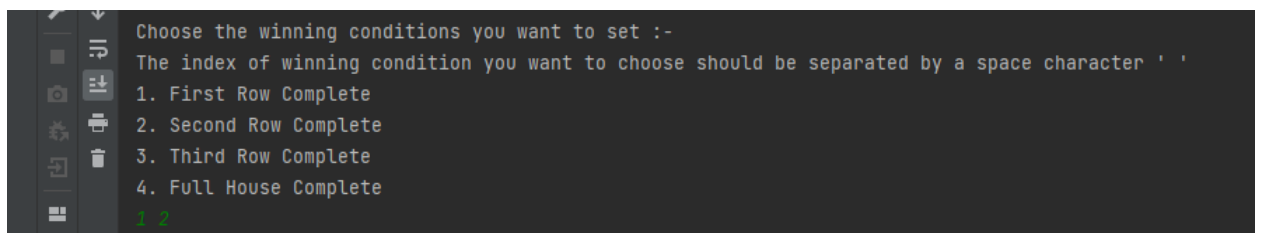
1. The program will ask you to input the number of players you want in the game.
2. The program will then request to type the name of each player, this was not asked in the question, but I added it to make it seem more like a game.



```
"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program F
Enter the Number of players
2
please enter name of player number 1
a
please enter name of player number 2
b
```

3. The program will then give you the list of winning conditions, out of which any number you can choose according to your wish, and those winning conditions will be available to the players in the game.

The input you need to provide is the index number of each condition, separated by a space character ' ' after each number. For example, to implement the first row, third row and full house winning condition, you need to input "1 3 4".



```
Choose the winning conditions you want to set :-
The index of winning condition you want to choose should be separated by a space character ' '
1. First Row Complete
2. Second Row Complete
3. Third Row Complete
4. Full House Complete
1 3
```

4. After this, the game of housie will be simulated. First, the tickets assigned to each player will be printed along with the player name associated to it.

```
a's ticket is
 2 12 23 * * * 68 * 82
* 14 29 31 42 * * * 84
 6 18 * 34 * 58 * * 85
b's ticket is
 2 19 * * * * 61 72 83
 8 * 23 37 * * 64 * 84
* * 26 * 42 57 66 * 85
```

- Next, the number drawn by the moderator each round is printed and the player(s) from whose ticket(s) the number is crossed out is printed.

```
42 Crossed out in b's ticket
Number Drawn is: 46
Number Drawn is: 3
Number Drawn is: 12
12 Crossed out in a's ticket
Number Drawn is: 41
Number Drawn is: 82
82 Crossed out in a's ticket
Number Drawn is: 86
Number Drawn is: 39
Number Drawn is: 19
```

- This process is repeated till all the winning conditions are exhausted
- In the end, all the player names who completed any winning condition are shown, along with the name of the win condition and the corresponding reward.

```
19 Crossed out in b's ticket
a: First Row - Cadbury Dairy Milk Silk
b: Second Row - Cadbury Oreo

Process finished with exit code 0
```

This is how you move along as a user through the program.
Thank you for your time!