## Project: 1 A Job Ready Bootcamp in C++, DSA and IOT MySirG Number Shifting Game

You are given a 4x4 matrix with random values filled.

e.g

You have to convert this random matrix to matrix which looks like this

## Game Rules:

- 1. You can move only 1 step at a time with the arrow key.
- 2. You can move numbers at an empty position only.
- 3. For each valid move: your total number of moves will decrease by 1.

## Winning Situation:

1. Number in a 4\*4 matrix should be in order from 1 to 15

## Gameplay:

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RULE OF THIS GAME

1.You can move only 1 step at a time by arrow key
Move Up : by Up arrow key
Move Down : by Down arrow key
Move Left : by Left arrow key
Move Right: by Right arrow key
2.You can move number at empty position only

3.For each valid move : your total number of move will decreased by 1
4.Wining situation : number in a 4*4 matrix should be in order from 1 to 15

winning situation:

| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 |

5.You can exit the game at any time by pressing 'E' or 'e'
So Try to win in minimum no of move

Happy gaming , Good Luck
Enter any key to start....
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Hel	.lo /	Aditya	,	Move i	remaining	:	400
5	8	6	9	1			
14	13	6	1	İ			
2	7	15	4	Ì			
12	11	10		1			