Modified SOS Game

Problem Statement :

You have to implement a 2 player SOS game in a N✕N board using python. This game is a modified form of the standard SOS game. Size of board will be given as input by the player prior to the game

The game will have the flow as:

1. Each player will have to choose a distinct character. (Say 1st player- "L", 2nd player- "O").
2. At the start of a player's turn, the player chooses either their distinct character or "S as the character they want to play.
3. They then select a location on the board to place their character on. Goal of both the players is to make the maximum of S_S combination, where the character in the middle denotes the player's character (viz, for the 1st player making "SLS" combination and for the 2nd player making SOS).
4. Combinations can be in row, column or in diagonal
5. If any player by chance makes the opponent's combination, then a point will be rewarded to the opponent.
6. The game will continue until the complete board is filled up.
7. At last, the one with the maximum score/combination wins the game.

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SAKSHI's choice : L    Score of  SAKSHI :  0
SAHIL's choice : O     Score of  SAHIL :  0
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------------------
| X | 1 | 2 | 3 |

| 1 | _ | _ | _ |

| 2 | _ | _ | _ |

| 3 | _ | _ | _ |
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-----------------------------------------------
Your Move SAKSHI :
Enter row number : [          ]
```

```
-----------------------------------------------
SAKSHI's choice : O    Score of  SAKSHI :  0
SAHIL's choice : L     Score of  SAHIL :  0
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------------------
| X | 1 | 2 | 3 |

| 1 | _ | _ | _ |

| 2 | _ | _ | _ |

| 3 | _ | _ | _ |
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-----------------------------------------------
Your Move SAKSHI :
Enter row number : 1
Enter column number : [          ]
```

```
-----------------------------------------------
SAKSHI's choice : L    Score of  SAKSHI :  0
SAHIL's choice : O     Score of  SAHIL :  10
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------------------
| X | 1 | 2 | 3 |

| 1 | S | _ | _ |

| 2 | _ | O | _ |

| 3 | _ | _ | S |
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-----------------------------------------------
Your Move SAHIL :
Enter row number : [          ]
```

…..And so on until the board is completely filled.

```
-----------------------------------------------
SAKSHI's choice : L    Score of  SAKSHI :  20
SAHIL's choice : O     Score of  SAHIL :  40
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-----------------
| X | 1 | 2 | 3 |

| 1 | S | L | S |

| 2 | O | O | L |

| 3 | S | O | S |
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-----------------------------------------------
SAHIL   you won!!!
```

GAME OVER