Outputs of Finalized Assignment without errors TikTakToe IT23292154

When there is a win in the diagonal1 which goes to left to right

```
madara@WEERSAHAN2:~$ ./Assignment_TikTakToe_IT23292154.o
Tic Tac Toe
Enter the size of the board you prefer (3 <= N <=10):3
Current board:
|   |   |   |
|   |   |   |
|   |   |   |

Player X, enter your move (row column):2 2
Current board:
|   |   |   |
|   |   |   |
|   |   | X |

Player O, enter your move (row column):1 0
Current board:
|   |   |   |
| O |   |   |
|   |   | X |

Player X, enter your move (row column):1 1
Current board:
|   |   |   |
| O | X |   |
|   |   | X |

Player O, enter your move (row column):2 0
Current board:
|   |   |   |
| O | X |   |
| O |   | X |

Player X, enter your move (row column):0 0

Congratulations! Player X won!
| X |   |   |
| O | X |   |
| O |   | X |
Game over!
```

When there is a win in the diagonal1 which goes to right to left

```
madara@WEERSAHAN2:~$ ./Assignment_TikTakToe_IT23292154.o
Tic Tac Toe
Enter the size of the board you prefer (3 <= N <=10):3
Current board:
|   |   |   |
|   |   |   |
|   |   |   |

Player X, enter your move (row column):0 2
Current board:
|   |   | X |
|   |   |   |
|   |   |   |

Player O, enter your move (row column):0 1
Current board:
|   | O | X |
|   |   |   |
|   |   |   |

Player X, enter your move (row column):1 1
Current board:
|   | O | X |
|   | X |   |
|   |   |   |

Player O, enter your move (row column):0 0
Current board:
| O | O | X |
|   | X |   |
|   |   |   |

Player X, enter your move (row column):2 0

Congratulations! Player X won!
| O | O | X |
|   | X |   |
| X |   |   |
Game over!
madara@WEERSAHAN2:~$
```

When there is a win in a row

```
madara@WEERSAHAN2:~$ ./Assignment_TikTakToe_IT23292154.o
Enter the size of the board you prefer (3 <= N <=10):3
Current board:
|   |   |   |
|   |   |   |
|   |   |   |

Player X, enter your move (row column):0 0
Current board:
| X |   |   |
|   |   |   |
|   |   |   |

Player O, enter your move (row column):1 2
Current board:
| X |   |   |
|   |   | O |
|   |   |   |

Player X, enter your move (row column):0 1
Current board:
| X | X |   |
|   |   | O |
|   |   |   |

Player O, enter your move (row column):2 1
Current board:
| X | X |   |
|   |   | O |
|   | O |   |

Player X, enter your move (row column):0 2

Congratulations! Player X won!
| X | X | X |
|   |   | O |
|   | O |   |
Game over!
```

When there is a win in a column

```
madara@WEERSAHAN2:~$ ./Assignment_TikTakToe_IT23292154.o
Tic Tac Toe
Enter the size of the board you prefer (3 <= N <=10):3
Current board:
|   |   |   |
|   |   |   |
|   |   |   |

Player X, enter your move (row column):0 0
Current board:
| X |   |   |
|   |   |   |
|   |   |   |

Player O, enter your move (row column):0 1
Current board:
| X | O |   |
|   |   |   |
|   |   |   |

Player X, enter your move (row column):1 0
Current board:
| X | O |   |
| X |   |   |
|   |   |   |

Player O, enter your move (row column):0 2
Current board:
| X | O | O |
| X |   |   |
|   |   |   |

Player X, enter your move (row column):2 0

Congratulations! Player X won!
| X | O | O |
| X |   |   |
| X |   |   |
Game over!
```

When enter an invalid move

```
madara@WEERSAHAN2:~$ ./Assignment_TikTakToe_IT23292154.o
Tic Tac Toe
Enter the size of the board you prefer (3 <= N <=10):5
Current board:
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |

Player X, enter your move (row column):2 3
Current board:
|   |   |   |   |   |
|   |   |   |   |   |
|   |   | X |   |   |
|   |   |   |   |   |
|   |   |   |   |   |

Player O, enter your move (row column):5 3          5 is in out of the range.
Invalid move. Try again.

Player O, enter your move (row column):2 0
Current board:
|   |   |   |   |   |
|   |   |   |   |   |
| O |   | X |   |   |
|   |   |   |   |   |
|   |   |   |   |   |

Player X, enter your move (row column):2 3          This move has been used
Invalid move. Try again.                            previously.

Player X, enter your move (row column):4 1
Current board:
|   |   |   |   |   |
|   |   |   |   |   |
| O |   | X |   |   |
|   |   |   |   |   |
|   | X |   |   |   |

Player O, enter your move (row column):
```

When enter an invalid size

```
madara@WEERSAHAN2:~$ ./Assignment_TikTakToe_IT23292154.o
Tic Tac Toe
Enter the size of the board you prefer (3 <= N <=10):11
Invalid board size. Please enter a valid size.
Enter the size of the board you prefer (3 <= N <=10):2
Invalid board size. Please enter a valid size.
Enter the size of the board you prefer (3 <= N <=10):3
Current board:
|   |   |   |
|   |   |   |
|   |   |   |

Player X, enter your move (row column):
```

When the game is a draw

```
| X |   | O |

Player O, enter your move (row column):0 1
Current board:
| X | O | O |
| O | X | X |
| X |   | O |

Player X, enter your move (row column):2 1

It is a draw.
| X | O | O |
| O | X | X |
| X | X | O |
Game over!
madara@WEERSAHAN2:~$
```

Outputs of codeWith.hFile_TikTakToe_IT23292154

When use the header file I have created

```
madara@WEERSAHAN2:~$ ./Assignment_TikTakToe_IT23292154.o
Tic Tac Toe
Enter the size of the board you prefer (3 <= N <=10):3
Current board:
|   |   |   |
|   |   |   |
|   |   |
 |
```