Game information test cases

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| Case | Player #1 | Player #2 | Game | numRows | numCols | N connect | Output |
| #1 No errors | Jon | Mat | new | 4 | 4 | 5 | Game made |
| #2 Player1 missing |  | Mat | new | 4 | 5 | 6 | Error: enter player 1 |
| #3 player2 missing | Jon |  | new | 4 | 6 | 7 | Error: enter player 2 |
| #4 game type not stated | Jon | Mat |  | 5 | 7 | 8 | Error: enter game state |
| #5 negative rows | Jon | Mat | previous | -6 | 8 | 4 | Error: enter a positive row num |
| #6 negative columns | Jon | Mat | previous | 6 | -8 | 4 | Error: enter a positive column row |
| #7 high number rows | Jon | Mat | previous | 14 | 8 | 4 | Error: Enter row number 4-12 |
| #8 high number columns | Jon | Mat | previous | 6 | 14 | 4 | Error: Enter column number 4-12 |
| #9 rows not entered | Jon | Mat | new |  | 10 | 6 | Error: enter rows |
| #10 columns not entered | Jon | Mat | new | 10 |  | 7 | Error: enter columns |
| #11 N connect not entered | Jon | Mat | Previous | 11 | 12 |  | Error: enter N connect |
| #12 number N Connect too low | Jon | Mat | New | 4 | 4 | -5 | Error: enter positive N connect |
| #13 number N connect too high | Jon | Mat | previous | 4 | 5 | 9 | Error: enter N connect 3-8 |
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Game test cases

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| Case | Scenario | Game description | Output |
| #1 Game is played | Player makes a legal move | E~E~E~E~E  E~E~E~E~E  E~E~E~E~E  E~E~E~E~E | Game is continued |
| #2 floating piece | Player attempts to play in area that makes piece float | E~E~E~E~E  E~E~Y~E~E  E~E~E~E~E  E~E~E~E~E | Error: Pieces cannot float |
| #3 piece placed off the board’s columns | Player makes a move off the board dimensions | E~E~E~E~E  E~E~E~E~E Y  E~E~E~E~E  E~E~E~E~E | Error: Plays need to be made within the board columns |
| #4 piece placed too high from board’s rows | Player makes a move off the board dimensions | Y  E~E~E~E~E  E~E~E~E~E  E~E~E~E~E  E~E~E~E~E | Error: Plays need to be made with board’s rows |
| #5 piece placed too low from board’s rows | Player makes a move off the board dimensions | E~E~E~E~E  E~E~E~E~E  E~E~E~E~E  E~E~E~E~E  Y | Error: Plays need to be made with board’s rows |
| #6 piece placed on top of already existing piece | Player makes same move twice | E~E~E~E~E  E~E~E~E~E  E~E~E~E~E  E~E~YY~E~E | Error: Cant play the same play twice. |
| #7 Play is not made | Player does not a play | E~E~E~E~E  E~E~E~E~E  E~E~E~E~E  E~E~E~E~E | Error: Must make a move |
| #8 piece placed on top of already existing piece | Player makes an already played move | E~E~E~E~E  E~E~E~E~E  E~E~E~E~E  E~E~YR~E~E | Error: The same play cannot be made twice |