```cpp
/*****************************************************************************
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 * STUDENT ID : 1112261 & 1103126
 * CLASS      : CS1B
 * SECTION    : MW 7:30pm
 * Assign #2  : tic-tac-toe game (multi-dimensional arrays)
 * DUE DATE   : 19 September 2019
 *****************************************************************************/

#include "MyHeader.h"
#include "ClassHeader.h"

/*****************************************************************************
 * FirstMenu
 *    This function gets the user choice for the first menu that has been run
 *
 *    RETURNS: integer
 *****************************************************************************/

int FirstMenu()
{

    /*************
     * VARIABLES *
     *************/

    int startOption;
    boolcheckInp;

    /**************
     * INITIALIZE *
     **************/

    checkInp = false;

    //do while loop for error checking
    do
    {
        //INPUT

        cout << "1 - Initialize the Animals " << endl;
        cout << "0 - Exit" << endl;

        cout << "Enter Selection: ";


        //CHECKS FOR THE CHAR INPUT

        if (!(cin >> startOption))
        {
            cin.clear();
            cin.ignore(numeric_limits<streamsize>::max(), '\n');

            cout << endl;
            cout << "**** Please input a NUMBER between 0 or 1 ****";
```

```
56              cout << endl << endl;
57
58              checkInp = false;
59
60          }
61
62          //CHECKS FOR THE RANGE ERROR
63
64          else if (startOption >= 2 || startOption <= -1 )
65          {
66
67              cout << endl;
68              cout << "**** The number "              << startOption
69              << " is an invalid entry     ****" << endl;
70              cout << "**** Please input a number between 0 or 1 ****";
71              cout << endl << endl;
72
73              checkInp = false;
74
75          }
76
77          //PASS
78
79          else
80          {
81
82              cin.ignore(numeric_limits<streamsize>::max(), '\n');
83              checkInp = true;
84
85          }
86
87      }while(!checkInp);
88
89      //returns an integer to the main
90      return startOption;
91  }
92
```