

# X\_O Game

- Unit testing is discussed by comments in Task01 X-O test.c
- Here we will show you a sequence to test the overall game
- First we try to assign a pre-assigned location

```
*****
1      2      3
4      5      6
7      8      9
*****
Player [X] Enter Location : 1
1
*****
X      2      3
4      5      6
7      8      9
*****
Player [O] Enter Location : 1
1 [ERROR] Reserved location
Player [O] Enter Location : 2
2
*****
X      0      3
4      5      6
7      8      9
*****
```

-following the sequence player X will win the game

```
*****
Player [X] Enter Location : 3
3
*****
X      0      X
4      5      6
7      8      9
*****
Player [O] Enter Location : 6
6
*****
X      0      X
4      5      0
7      8      9
*****
Player [X] Enter Location : 5
5
*****
X      0      X
4      X      0
7      8      9
*****
Player [O] Enter Location : 7
7
*****
X      0      X
4      X      0
0      8      9
*****
Player [X] Enter Location : 9
9 Player X is the winner

*****
X      0      X
4      X      0
0      8      X
*****
Starting a new game ....
*****
```

- Finally, the array is reinitialized and start new game

```
*****
Starting a new game ....
*****
*****
1      2      3
4      5      6
7      8      9
*****
Player [X] Enter Location :
```