

```
In [41]: runfile('C:/Users/Pradeep Kumar/Desktop/Mtech Semesters/Sem 2/1. Artificial Intelligence/Lab Assignment/2/Assignment_2/TTT_heuristic_2agents.py', wdir='C:/Users/Pradeep Kumar/Desktop/Mtech Semesters/Sem 2/1. Artificial Intelligence/Lab Assignment/2/Assignment_2')
```

Enter depth of search: 3

```
| | | | |
| | | | |
| | | | |
| | | | |
```

Player - 1

Time taken for 1 move = 0.23187971115112305 seconds
No. of explored nodes = 3617

```
| | | | |
| | | x | |
| | | | |
| | | | |
```

Player - 2

Time taken for 1 move = 0.14616060256958008 seconds
No. of explored nodes = 2955

```
| | | | 0 |
| | | x | |
| | | | |
| | | | |
```

Player - 1

Time taken for 1 move = 0.10471868515014648 seconds
No. of explored nodes = 2380

```
| | | | 0 |
| x | | x | |
```

```
| | | | |
| | | | |
```

Player - 2

Time taken for 1 move = 0.09042787551879883 seconds
No. of explored nodes = 1885

```
| | | | 0 |
| x | | x | |
| | | | |
| 0 | | | |
```

Player - 1

Time taken for 1 move = 0.05873703956604004 seconds
No. of explored nodes = 1464

```
| | | | 0 |
| x | | x | |
| | | | |
| 0 | | | x |
```

Player - 2

Time taken for 1 move = 0.05256795883178711 seconds
No. of explored nodes = 1111

```
| | | | 0 |
| x | 0 | x | |
| | | | |
| 0 | | | x |
```

Player - 1

Time taken for 1 move = 0.061075687408447266 seconds
No. of explored nodes = 820

```
| | | | 0 |
```

	x		0		x			
					x			
	0						x	

Player - 2

Time taken for 1 move = 0.06473398208618164 seconds
 No. of explored nodes = 585

					0			
	x		0		x			
			0		x			
	0						x	

Player - 1

Time taken for 1 move = 0.05237722396850586 seconds
 No. of explored nodes = 400

					0			
	x		0		x			
			0		x			
	0				x		x	

Player - 2

Time taken for 1 move = 0.029575586318969727 seconds
 No. of explored nodes = 229

					0		0	
	x		0		x			
			0		x			
	0				x		x	

Player - 1

Time taken for 1 move = 0.010637521743774414 seconds
 No. of explored nodes = 156

	x				0		0	
--	---	--	--	--	---	--	---	--

X	O	X	
	O	X	
O		X	X

Player - 2

Time taken for 1 move = 0.00099945068359375 seconds
 No. of explored nodes = 85

X		O	O
X	O	X	
	O	X	O
O		X	X

Player - 1

Time taken for 1 move = 0.0019941329956054688 seconds
 No. of explored nodes = 40

X		O	O
X	O	X	X
	O	X	O
O		X	X

Player - 2

Time taken for 1 move = 0.0009984970092773438 seconds
 No. of explored nodes = 15

X	O	O	O
X	O	X	X
	O	X	O
O		X	X

Player - 1

Time taken for 1 move = 0.0 seconds
 No. of explored nodes = 4

```
| x | o | o | o |
```

```
| x | o | x | x |
```

```
|   | o | x | o |
```

```
| o | x | x | x |
```

Player - 2

Time taken for 1 move = 0.0 seconds

No. of explored nodes = 1

```
| x | o | o | o |
```

```
| x | o | x | x |
```

```
| o | o | x | o |
```

```
| o | x | x | x |
```

Match is draw

In [42]: