



Spyder (Python 3.8)

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D:\CSE\5thsem\AI Lab\Tic_Tac_Toe.py

Tic_Tac_Toe.py

```
25
26 def isWinner
27     return (
28
29
30
31
32
33
34 def playerMove
35     run = True
36     while run
37         move
38         try:
39
40
41
42
43
44
45
46
47
48
49
50
51
52 def compMove
53     possible
54     move = 0
55
56     for let
57         for
58
59
60
61
62
63
64     cornersC
65     for i in
```

Source Console Object

Variable explorer Help Plots Files

Console 1/A

Please enter a position(1-9): a
Please enter a number!

Please enter a position(1-9): 3
Sorry!Space is Occupied! Try again!

Please enter a position(1-9): 10
Please enter a number in the range 1 to 9!

Please enter a position(1-9): 4

| | | |
|-------|--|---|
| X | | 0 |
| ----- | | |
| X | | |
| ----- | | |
| | | |

Computer placed an '0' in position 7 :

| | | |
|-------|--|---|
| X | | 0 |
| ----- | | |
| X | | |
| ----- | | |
| 0 | | |

Please enter a position(1-9): 6

| | | |
|-------|--|---|
| X | | 0 |
| ----- | | |
| X | | |
| ----- | | |
| 0 | | |

Python console History

LSP Python: ready conda: base (Python 3.8.3) Line 116, Col 1 ASCII CRLF RW Mem 75%

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19:21 05-10-2020

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Tic_Tac_Toe.py

```
25
26 def isWinner
27     return (
28
29
30
31
32
33
34 def playerMove
35     run = True
36     while run:
37         move = input("Please enter a position(1-9): ")
38         try:
39
40
41         Computer placed an 'O' in position 5 :
42
43         X |   | O
44         ---|---
45         X |   | X
46         ---|---
47         O |   |
48         Computer placed an 'O' in position 5 :
49         X |   | O
50         ---|---
51         X | O | X
52         ---|---
53         O |   |
54         Sorry, Computer won this time!
55         Do you want to play again? (Y/N)
56
57
58
59
60
61
62
63
64
65
```

Console 1/A

Please enter a position(1-9): 6

X | | O

---|---

X | | X

---|---

O | |

Computer placed an 'O' in position 5 :

X | | O

---|---

X | O | X

---|---

O | |

Sorry, Computer won this time!

Do you want to play again? (Y/N)

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