TIC_TAC_TOE
OUTPUT

PS C:\Users\user\Desktop\PYTHON\TIC_TAC_TOE> python tic_tac_toe.py

```
Menu
1.Play against your friend
2.Play against computer
3.exit
Enter your choice : 1
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  1  |  2  | 3 |
|-----|-----|---|
|  4  |  5  | 6 |
|-----|-----|---|
|  7  |  8  | 9 |
-----------------
Player 1 : 1
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  X  |  2  | 3 |
|-----|-----|---|
|  4  |  5  | 6 |
|-----|-----|---|
|  7  |  8  | 9 |
-----------------
Player 2 : 2
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  X  |  O  | 3 |
|-----|-----|---|
|  4  |  5  | 6 |
|-----|-----|---|
|  7  |  8  | 9 |
-----------------
Player 1 : 3
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  X  |  O  | X |
|-----|-----|---|
|  4  |  5  | 6 |
|-----|-----|---|
```

```
| 7 | 8  | 9 |
------------------
Player 2 : 4
---------TIC TAC TOE--------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| O | 5  | 6 |
|-----|-----|---|
| 7 | 8  | 9 |
------------------
Player 1 : 6
---------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| O | 5  | X |
|-----|-----|---|
| 7 | 8  | 9 |
------------------
Player 2 : 5
---------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| O | O  | X |
|-----|-----|---|
| 7 | 8  | 9 |
------------------
Player 1 : 8
---------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| O | O  | X |
|-----|-----|---|
| 7 | X  | 9 |
------------------
Player 2 : 7
---------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
```

```
| X | O  | X |
|-----|-----|---|
| O | O  | X |
|-----|-----|---|
| O | X  | 9 |
-----------------
Player 1 : 9
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| O | O  | X |
|-----|-----|---|
| O | X  | X |
-----------------
Player 1 won

Menu
1.Play against your friend
2.Play against computer
3.exit
Enter your choice : 2
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| 1 | 2  | 3 |
|-----|-----|---|
| 4 | 5  | 6 |
|-----|-----|---|
| 7 | 8  | 9 |
-----------------
Player1(You) : 3
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| 1 | 2  | X |
|-----|-----|---|
| 4 | 5  | 6 |
|-----|-----|---|
| 7 | 8  | 9 |
-----------------
Player2(Computer): 5
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| 1 | 2  | X |
```

```
|-----|-----|---|
| 4 | O  | 6 |
|-----|-----|---|
| 7 | 8  | 9 |
-----------------
Player1(You) : 1
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | 2  | X |
|-----|-----|---|
| 4 | O  | 6 |
|-----|-----|---|
| 7 | 8  | 9 |
-----------------
Player2(Computer) : 2
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| 4 | O  | 6 |
|-----|-----|---|
| 7 | 8  | 9 |
-----------------
Player1(You) : 7
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| 4 | O  | 6 |
|-----|-----|---|
| X | 8  | 9 |
-----------------
Player2(Computer) : 8
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
| X | O  | X |
|-----|-----|---|
| 4 | O  | 6 |
|-----|-----|---|
| X | O  | 9 |
-----------------
Player2(computer) won
```

```
Menu
1.Play against your friend
2.Play against computer
3.exit
Enter your choice : 2
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  1  |  2  | 3 |
|-----|-----|---|
|  4  |  5  | 6 |
|-----|-----|---|
|  7  |  8  | 9 |
-----------------
Player1(You) : 5
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  1  |  2  | 3 |
|-----|-----|---|
|  4  |  X  | 6 |
|-----|-----|---|
|  7  |  8  | 9 |
-----------------
Player2(Computer) : 9
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  1  |  2  | 3 |
|-----|-----|---|
|  4  |  X  | 6 |
|-----|-----|---|
|  7  |  8  | O |
-----------------
Player1(You) : 6
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
|  1  |  2  | 3 |
|-----|-----|---|
|  4  |  X  | X |
|-----|-----|---|
|  7  |  8  | O |
-----------------
Player2(Computer) : 4
----------TIC TAC TOE-------
Player 1 : X
```

Player 2 : O
_____
1	2	3
O	X	X
7	8	O

Player1(You) : 1
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
X	2	3
O	X	X
7	8	O

----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
X	2	3
O	X	X
7	8	O

Player2(Computer):7
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
X	2	3
O	X	X
O	8	O

Player1(You) : 2
----------TIC TAC TOE-------
Player 1 : X
Player 2 : O

_____
X	X	3
O	X	X
O	8	O

Player2(Computer) : 8
----------TIC TAC TOE--------
Player 1 : X
Player 2 : O

_____
X	X	3
O	X	X
O	O	O

Player2(computer) won

Menu
1.Play against your friend
2.Play against computer
3.exit
Enter your choice : 3