

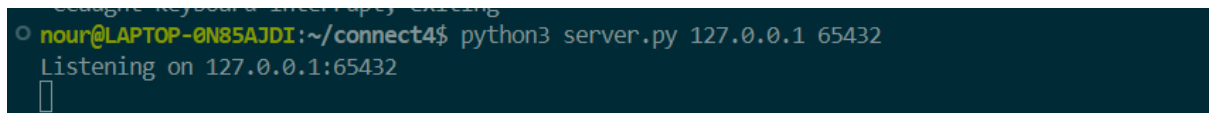
Connect4

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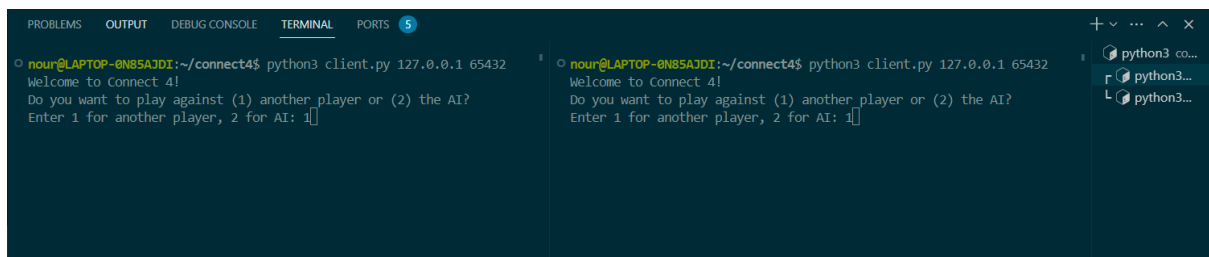
Instructions to run the game:

1.run the server: `python3 server.py 127.0.0.1 65432`



```
nour@LAPTOP-0N85AJDI:~/connect4$ python3 server.py 127.0.0.1 65432
Listening on 127.0.0.1:65432
█
```


2.connect a client: `python3 client.py 127.0.0.1 65432`



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 5
nour@LAPTOP-0N85AJDI:~/connect4$ python3 client.py 127.0.0.1 65432
Welcome to Connect 4!
Do you want to play against (1) another player or (2) the AI?
Enter 1 for another player, 2 for AI: 1█

nour@LAPTOP-0N85AJDI:~/connect4$ python3 client.py 127.0.0.1 65432
Welcome to Connect 4!
Do you want to play against (1) another player or (2) the AI?
Enter 1 for another player, 2 for AI: 1█
```

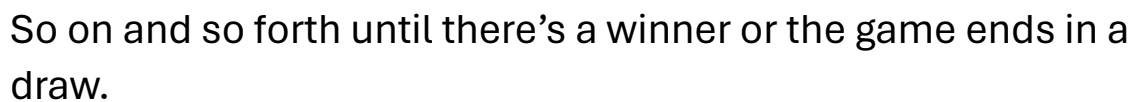
In the picture above each client picks option 1 which is to play the game against each other. After entering 1, the following screen will appear, and the client that connected to the server can make the first move as X.



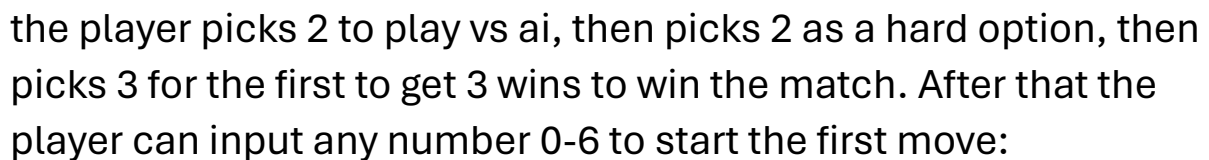
```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 5
Received: You are already in a session. Please wait for another player or start a new game.
Received response from server: You are already in a session. Please wait for another player or start a new game.
Received: You are already in a session. Please wait for another player or start a new game.
Received response from server: You are already in a session. Please wait for another player or start a new game.
Received: Both players connected. The game starts now.
Received response from server: Both players connected. The game starts now.
4█

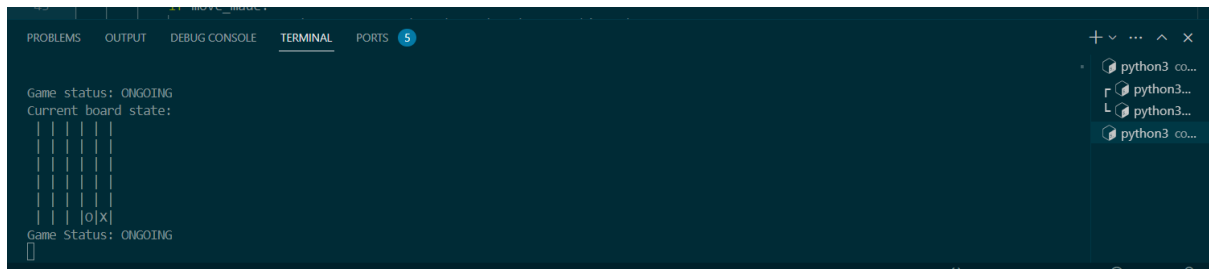
None None
Received: Both players connected. The game starts now.You are already in a session. Please wait for another player or start a new game.
Received response from server: Both players connected. The game starts now.You are already in a session. Please wait for another player or start a new game.
Received: Both players connected. The game starts now.You are already in a session. Please wait for another player or start a new game.
Received response from server: Both players connected. The game starts now.You are already in a session. Please wait for another player or start a new game.
```

Now player 1 picks column 4 as his first moves:



Now another client can connect to the server to play vs the server:





The server responds immediately by placing 0 in the 5 coulmn.

Constraints:

The server accepts up to 6 connections at the same time.

Player that wants to connect to play vs the ai, should connect last, and not before any players who want to play against each other, because then the server won't assign the games correctly for some reason.