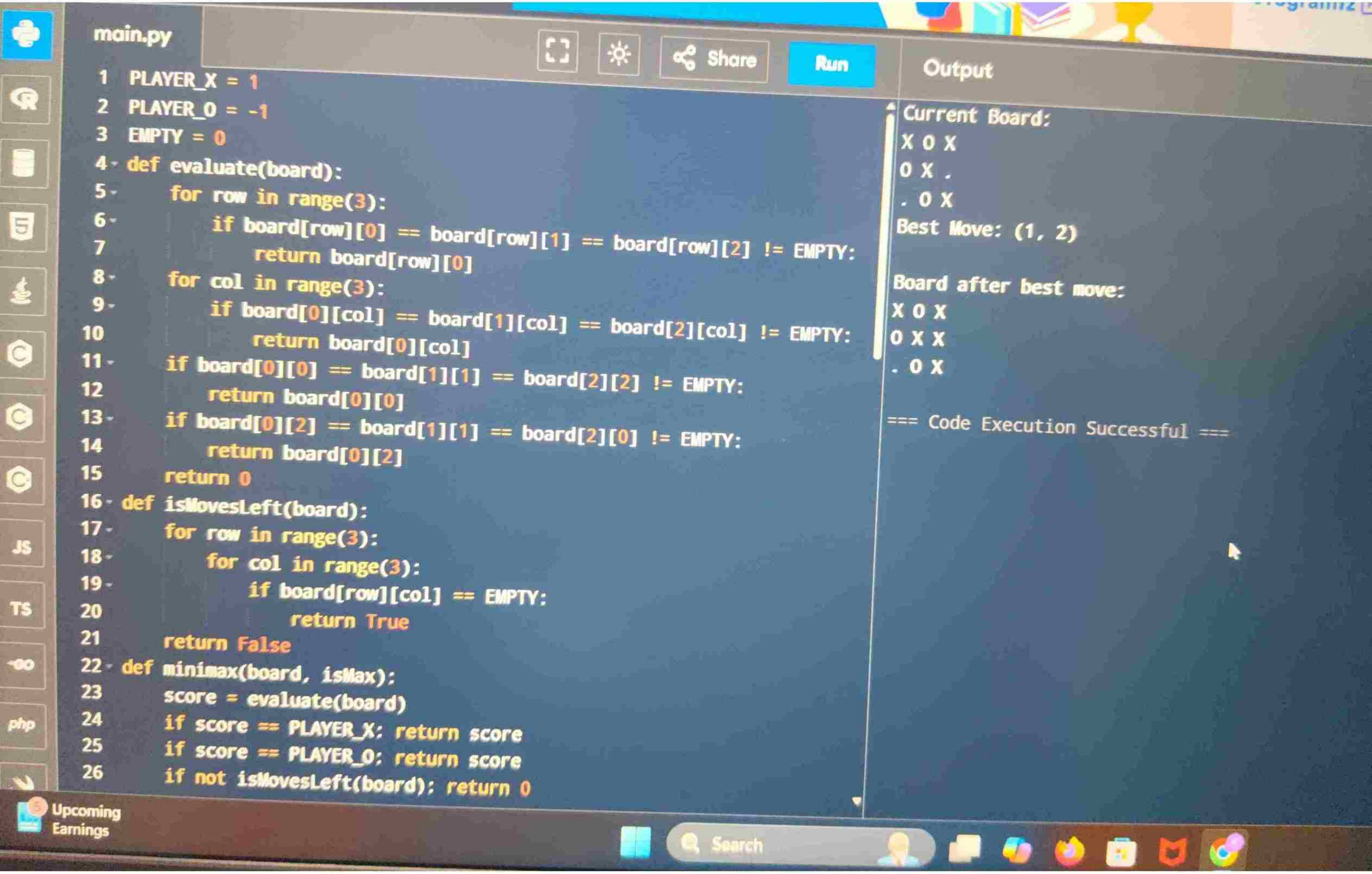
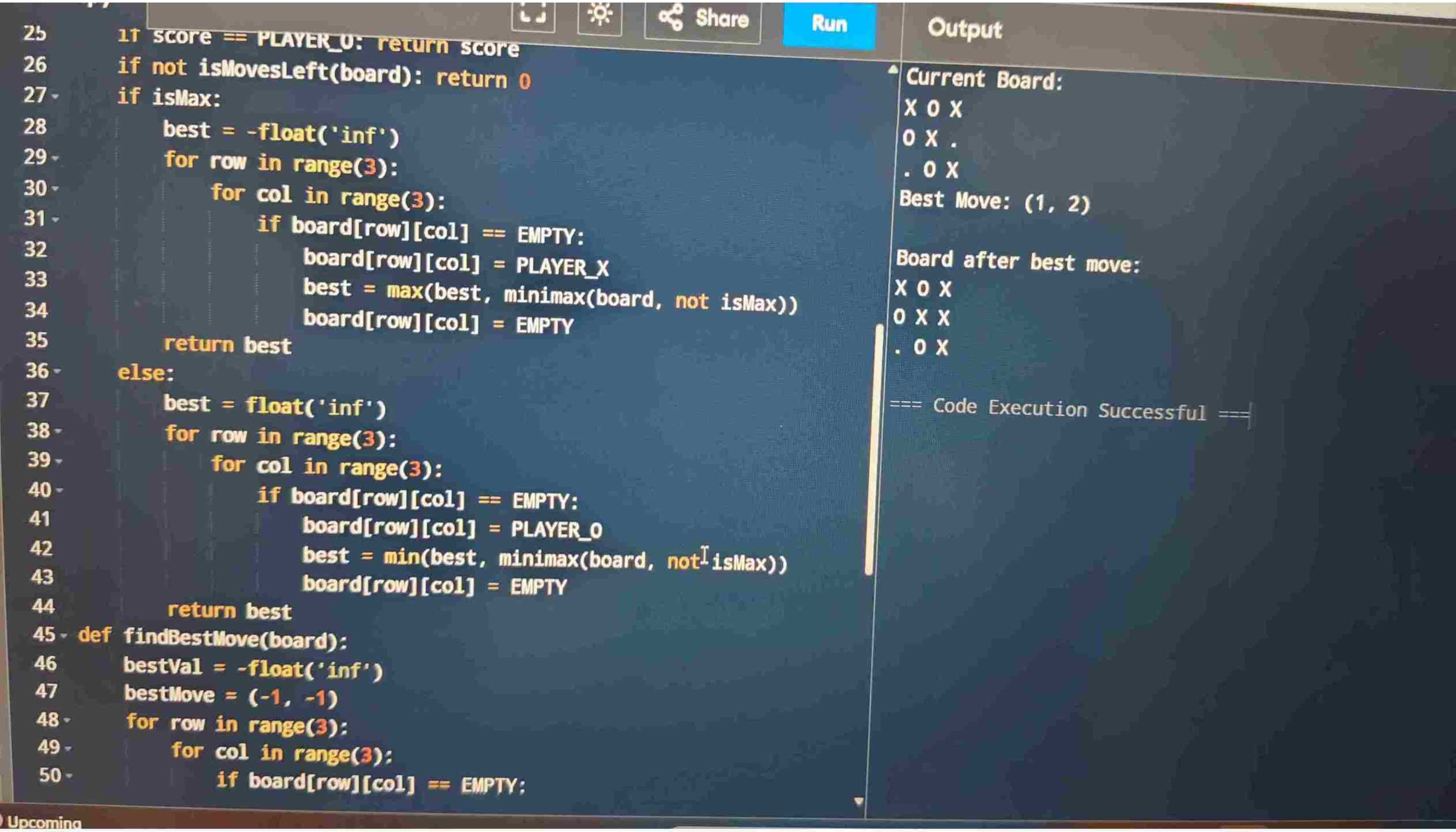


```python
PLAYER_X = 1
PLAYER_0 = -1
EMPTY = 0
def evaluate(board):
    for row in range(3):
        if board[row][0] == board[row][1] == board[row][2] != EMPTY:
            return board[row][0]
    for col in range(3):
        if board[0][col] == board[1][col] == board[2][col] != EMPTY:
            return board[0][col]
    if board[0][0] == board[1][1] == board[2][2] != EMPTY:
        return board[0][0]
    if board[0][2] == board[1][1] == board[2][0] != EMPTY:
        return board[0][2]
    return 0
def isMovesLeft(board):
    for row in range(3):
        for col in range(3):
            if board[row][col] == EMPTY:
                return True
    return False
def minimax(board, isMax):
    score = evaluate(board)
    if score == PLAYER_X: return score
    if score == PLAYER_0: return score
    if not isMovesLeft(board): return 0
```

```
Current Board:
X O X
O X .
. O X
Best Move: (1, 2)

Board after best move:
X O X
O X X
. O X

=== Code Execution Successful ===
```

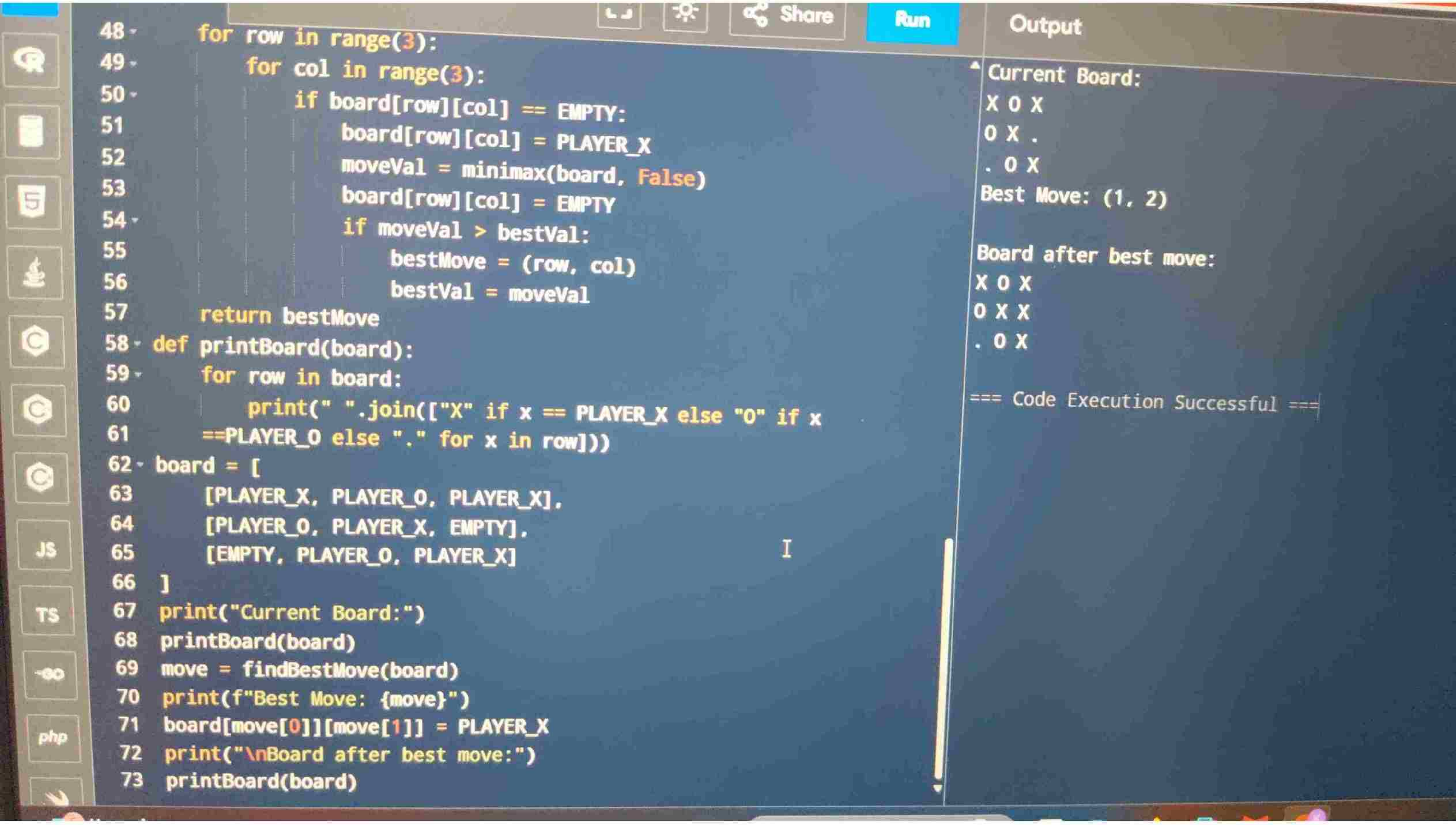


```
    if score == PLAYER_O: return score
    if not isMovesLeft(board): return 0
    if isMax:
        best = -float('inf')
        for row in range(3):
            for col in range(3):
                if board[row][col] == EMPTY:
                    board[row][col] = PLAYER_X
                    best = max(best, minimax(board, not isMax))
                    board[row][col] = EMPTY
        return best
    else:
        best = float('inf')
        for row in range(3):
            for col in range(3):
                if board[row][col] == EMPTY:
                    board[row][col] = PLAYER_O
                    best = min(best, minimax(board, not isMax))
                    board[row][col] = EMPTY
        return best
def findBestMove(board):
    bestVal = -float('inf')
    bestMove = (-1, -1)
    for row in range(3):
        for col in range(3):
            if board[row][col] == EMPTY:
```

```
Current Board:
X O X
O X .
. O X
Best Move: (1, 2)

Board after best move:
X O X
O X X
. O X

=== Code Execution Successful ===
```



```
    for row in range(3):
        for col in range(3):
            if board[row][col] == EMPTY:
                board[row][col] = PLAYER_X
                moveVal = minimax(board, False)
                board[row][col] = EMPTY
                if moveVal > bestVal:
                    bestMove = (row, col)
                    bestVal = moveVal
    return bestMove
def printBoard(board):
    for row in board:
        print(" ".join(["X" if x == PLAYER_X else "O" if x
    ==PLAYER_O else "." for x in row]))
board = [
    [PLAYER_X, PLAYER_O, PLAYER_X],
    [PLAYER_O, PLAYER_X, EMPTY],
    [EMPTY, PLAYER_O, PLAYER_X]
]
print("Current Board:")
printBoard(board)
move = findBestMove(board)
print(f"Best Move: {move}")
board[move[0]][move[1]] = PLAYER_X
print("\nBoard after best move:")
printBoard(board)
```

```
Current Board:
X O X
O X .
. O X
Best Move: (1, 2)

Board after best move:
X O X
O X X
. O X

=== Code Execution Successful ===
```