

Questions of Advanced-Programing course at Shahid-Beheshti-University

Othello Game

by

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Othello

Othello game is one of the most famous intellectual games in the world. You are supposed to write a program with the help of which two people with one computer (in turn) can play Othello. The program displays the game screen (empty dots). ".", the white colored bead "I" and the black colored bead "O" (starts). In each turn, the program takes a pair of numbers from the users (one in the middle and starting from the black bead) and the program also Placing the user's piece in the desired place and changing the color of the pieces as needed will show the game screen again. When all the pieces are arranged, the program will count the white and black pieces and announce the winner.

Start the game

	1	2	3	4	5	6	7	8
1
2
3
4	.	.	.	I	O	.	.	.
5	.	.	.	O	I	.	.	.
6
7
8

At the start of the game, the black player enters two numbers.

Entrance 1

3 4

Output 1

	1	2	3	4	5	6	7	8
1
2
3	.	.	.	0
4	.	.	.	0	0	.	.	.
5	.	.	.	0	I	.	.	.
6
7
8

It is the white player's turn.

Entrance 2

5 3

Output 2

	1	2	3	4	5	6	7	8
1
2
3	.	.	.	0
4	.	.	.	0	0	.	.	.
5	.	.	I	I	I	.	.	.
6
7
8