The program is written in c++.

Compilation: g++ -std=c++0x othello.cpp

Execution : ./othello <Size> <Color> <Depth>

Size- even number

Color- specified as either ‘B’ or ‘W’

The program starts by typing ‘init’ and then the player holding the black pieces starts first.

Commands used: init, reset, quit, move B, put B x y( similar cases for W)

The board evaluation function calculates the terminal score once maximum depth is reached. It calculates the sum of the player pieces.

**Output trace:**

./othello 8 B 4

init

- - - - - - - -

- - - - - - - -

- - - - - - - -

- - - W B - - -

- - - B W - - -

- - - - - - - -

- - - - - - - -

- - - - - - - -

put B 2 3

- - - - - - - -

- - - - - - - -

- - - B - - - -

- - - B B - - -

- - - B W - - -

- - - - - - - -

- - - - - - - -

- - - - - - - -

score=6

- - - - - - - -

- - - - - - - -

- - W B - - - -

- - - W B - - -

- - - B W - - -

- - - - - - - -

- - - - - - - -

- - - - - - - -

move B

score=4

- - - - - - - -

- - - - - - - -

- - W B - - - -

- - B B B - - -

- - - B W - - -

- - - - - - - -

- - - - - - - -

- - - - - - - -

score=6

- - - - - - - -

- - - - - - - -

- - W W W - - -

- - B B W - - -

- - - B W - - -

- - - - - - - -

- - - - - - - -

- - - - - - - -

move B

score=5

- - - - - - - -

- B - - - - - -

- - B W W - - -

- - B B W - - -

- - - B W - - -

- - - - - - - -

- - - - - - - -

- - - - - - - -

score=6

W - - - - - - -

- W - - - - - -

- - W W W - - -

- - B W W - - -

- - - B W - - -

- - - - - - - -

- - - - - - - -

- - - - - - - -