

≡ board.txt

257	1	2	3
258	5	_	6
259	4	7	8
260			
261	1	2	3
262	_	5	6
263	4	7	8
264			
265	1	2	3
266	4	5	6
267	_	7	8
268			
269	1	2	3
270	4	5	6
271	7	_	8
272			
273	1	2	3
274	4	5	6
275	7	8	_
276			
277			

PROBLEMS

OUTPUT

TERMINAL

1	2	3
4	5	6
7	_	8

```
Please enter a number and direction to move (Write 0-E to exit) : 8-L
1 2 3
4 5 6
7 8 _
```

```
Your total number of moves are: 68
Your total score is : 320
```

```
Please select an option :
1-Play game as a user
2-Finish the game with pc
3-Show the best score
4-Exit
█
```


▼ VARIABLES

WATCH

CALL STACK Running

```

PROBLEMS    OUTPUT    TERMINAL

_ 7 8

Please enter a number and direction to move (Write 0-E to exit) : 7-R
7 - R is an illegal move.Please enter a number and direction to move : 7-L
1 2 3
4 5 6
7 _ 8

Please enter a number and direction to move (Write 0-E to exit) : 8-L
1 2 3
4 5 6
7 8 _

Your total number of moves   are: 68
Your total score is : 320

Please select an option :
1-Play game as a user

```


EXPLORER

HW_8

- .vscode
- board.txt
- main.c
- makefile
- scores.txt
- test

Settings

main.c

board.txt

board.txt

1 The game has started ! Good luck ('_')

2 3 6 _

3 1 2 5

4 8 7 4

5

PROBLEMS

OUTPUT

TERMINAL

make

TERMINAL

You selected play game as a user!

The game has started ! Good luck ('_')

3 6 _

1 2 5

8 7 4

Example input -> 2-U (Move 2 to right)

Please enter a number and direction to move (Write 0-E to exit) : 6-L

6 - L is an illegal move.Please enter a number and direction to move : 3-D

3 - D is an illegal move.Please enter a number and direction to move : 3-R

3 - R is an illegal move.Please enter a number and direction to move : 3-U

3 - U is an illegal move.Please enter a number and direction to move : 5-D

5 - D is an illegal move.Please enter a number and direction to move : 5-R

5 - R is an illegal move.Please enter a number and direction to move : 5-L

5 - L is an illegal move.Please enter a number and direction to move : 2-U

2 - U is an illegal move.Please enter a number and direction to move : 2-D

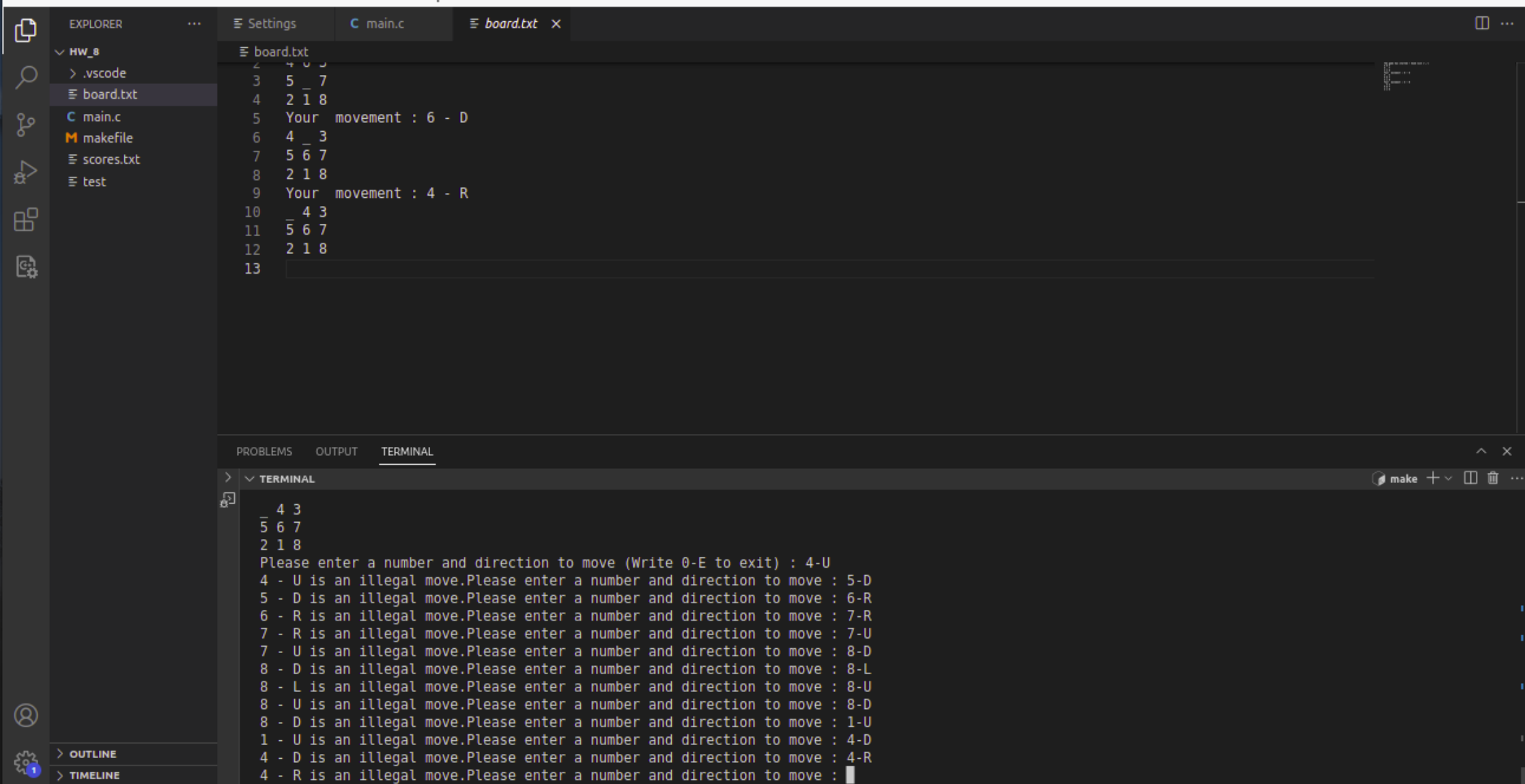
2 - D is an illegal move.Please enter a number and direction to move : 2-R

2 - R is an illegal move.Please enter a number and direction to move : 4-U

4 - U is an illegal move.Please enter a number and direction to move : 8-R

8 - R is an illegal move.Please enter a number and direction to move : 8-L

8 - L is an illegal move.Please enter a number and direction to move :



The screenshot shows a VS Code editor with a project named 'HW_8'. The Explorer sidebar on the left lists files: .vscode, board.txt, main.c, makefile, scores.txt, and test. The main editor window displays 'board.txt' with the following content:

```
1  4 3
2  5 7
3  2 1 8
4  2 1 8
5  Your movement : 6 - D
6  4 3
7  5 6 7
8  2 1 8
9  Your movement : 4 - R
10  4 3
11  5 6 7
12  2 1 8
13
```

The bottom panel shows the 'TERMINAL' tab with the following output:

```
> make
_ 4 3
5 6 7
2 1 8
Please enter a number and direction to move (Write 0-E to exit) : 4-U
4 - U is an illegal move.Please enter a number and direction to move : 5-D
5 - D is an illegal move.Please enter a number and direction to move : 6-R
6 - R is an illegal move.Please enter a number and direction to move : 7-R
7 - R is an illegal move.Please enter a number and direction to move : 7-U
7 - U is an illegal move.Please enter a number and direction to move : 8-D
8 - D is an illegal move.Please enter a number and direction to move : 8-L
8 - L is an illegal move.Please enter a number and direction to move : 8-U
8 - U is an illegal move.Please enter a number and direction to move : 8-D
8 - D is an illegal move.Please enter a number and direction to move : 1-U
1 - U is an illegal move.Please enter a number and direction to move : 4-D
4 - D is an illegal move.Please enter a number and direction to move : 4-R
4 - R is an illegal move.Please enter a number and direction to move :
```

The screenshot shows a VS Code editor with a C program for a 3x3 board game. The Explorer sidebar on the left lists the files: `.vscode`, `board.txt`, `main.c`, `makefile`, `scores.txt`, and `test`. The `board.txt` file is open in the editor, showing a 3x3 grid and movement instructions. The grid is as follows:

```
1  The game has started ! Good luck ('_')
2  4 6 2
3  3 5 _
4  7 8 1
5  Your movement : 2 - D
6  4 6 _
7  3 5 2
8  7 8 1
9  Your movement : 6 - R
10 4 _ 6
11 3 5 2
12 7 8 1
13
```

The Terminal panel at the bottom shows the execution of the program. It displays the prompts for movement and the error messages for illegal moves:

```
Your movement : 2 - D
4 6 _
3 5 2
7 8 1
Please enter a number and direction to move (Write 0-E to exit) : 6-R
Your movement : 6 - R
4 _ 6
3 5 2
7 8 1
Please enter a number and direction to move (Write 0-E to exit) : 6-R
6 - R is an illegal move.Please enter a number and direction to move : 6-D
6 - D is an illegal move.Please enter a number and direction to move : 2-D
2 - D is an illegal move.Please enter a number and direction to move : 5-D
5 - D is an illegal move.Please enter a number and direction to move : 5-;
5 - ; is an illegal move.Please enter a number and direction to move : 0-E
You quit the game.There is no total score.See you !

The solvable board is getting ready...
```