```
cbolat@DESKTOP-EIJM40P:/mnt/c/Users/cemal/Desktop/son ödev 3/hw03a$ make
-------------------------------------------------
Removing compiled files...
-------------------------------------------------
Compiling...
-------------------------------------------------
Running the program....
=================================================================================
./hw03
*********************************************

    >=>     >=>     >====>     >=>       >=> >=======> >=>         >=>     >====>    >======>    >=>  >=>
    >=>     >=>   >=>    >=>    >> >=>   >>=> >=>          >=>     >=> >=>    >=>    >=>    >=>  >=>  >=>           >=>   >=>>=>
    >=>     >=> >=>         >=> >=> >=> > >=> >=>          >=>  >>  >=> >=>       >=> >=>     >=> >=>  >=>            >=>   >=>      >=>
    >=======>=> >=>          >=> >=>   >=> >=>  >=======>  >=>   >=> >=>          >=> >> >=>      >>=>>    >=====> >=>       >=>   >=>
    >=>     >=> >=>          >=> >=>    >> >=>  >=>          >=> >> >=> >=>        >=> >=>    >=>    >=>           >=>     >=>        >=>
    >=>     >=>   >=>     >=> >=>         >> >>   >====>    >=>    >=> >=>    >=>    >=>    >=>              >=>     >=>           >=>
    >=>     >=>     >====>     >=>         >=> >=======> >=>          >=>       >====>      >=>      >=> >=>       >=>           >=====>
                             CEMAL BOLAT 210104004010

*********************************************
Welcome to the 2D puzzle game !
1. New Game
2. Help
3. Exit
 >> 2
*********************************************

      The character is able to move one space in any of the four cardinal directions: up, down, left, and right.
      Diagonal moves are not allowed.
      The user will input their desired move using the following keys: 'a' for left, 'd' for right, 'w' for up, and 's' for down.
      The game will prompt the user for a new move after each move is made until the game is over.


*********************************************
1. New Game
2. Help
3. Exit
 >> 2
*********************************************

      The character is able to move one space in any of the four cardinal directions: up, down, left, and right.
      Diagonal moves are not allowed.
      The user will input their desired move using the following keys: 'a' for left, 'd' for right, 'w' for up, and 's' for down.
      The game will prompt the user for a new move after each move is made until the game is over.


*********************************************
1. New Game
2. Help
3. Exit
 >> 1
*********************************************
```

```
3. Exit
  >> 1
*************************************
Please enter room size << between 5 - 10 (inclusive) >> : 6
-------------
| | | | | | |
| | | | | | |
| |D| | | | |
| | | | | | |
| | | | |C| |
-------------
Next-move : w
-------------
| | | | | | |
| | | | | | |
| | | | | | |
| |D| | | | |
| | | | |C| |
| | | | | | |
-------------
Next-move : w
-------------
| | | | | | |
| | | | | | |
| | | | | | |
| |D| | |C| |
| | | | | | |
| | | | | | |
-------------
Next-move : a
-------------
| | | | | | |
| | | | | | |
| | | | | | |
| |D| |C| | |
| | | | | | |
| | | | | | |
-------------
Next-move : a
-------------
| | | | | | |
| | | | | | |
| | | | | | |
| |D|C| | | |
| | | | | | |
| | | | | | |
-------------
Next-move : a
Congartz ! << You have finished in 5 moves >>
```

```
****************************************
1. New Game
2. Help
3. Exit
 >> 2
****************************************

        The character is able to move one space in any of the four cardinal directions: up, down, left, and right.
        Diagonal moves are not allowed.
        The user will input their desired move using the following keys: 'a' for left, 'd' for right, 'w' for up, and 's' for down.
        The game will prompt the user for a new move after each move is made until the game is over.

****************************************
1. New Game
2. Help
3. Exit
 >> 1
****************************************
Please enter room size << between 5 - 10 (inclusive) >> : 5
-----------
| | |D| | |
| | | | | |
| | | | | |
|C| | | | |
| | | | | |
-----------
Next-move : w
-----------
| | |D| | |
| | | | | |
|C| | | | |
| | | | | |
| | | | | |
-----------
Next-move : w
-----------
| | |D| | |
|C| | | | |
| | | | | |
| | | | | |
| | | | | |
-----------
Next-move : w
-----------
|C| |D| | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
-----------
Next-move : d
```

```
Next-move : d
-----------
| |C|D| | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
-----------
Next-move : d
Congartz ! << You have finished in 5 moves >>
****************************************
1. New Game
2. Help
3. Exit
 >> 3
Have a nice day GOODBYE !
****************************************
==================================================================
[SUCCESS] Completed tests....
```

```
cbolat@DESKTOP-EIJM40P:/mnt/c/Users/cemal/Desktop/son ödev 3/hw03a$ make
----------------------------------------------
Removing compiled files...
----------------------------------------------
Compiling...
----------------------------------------------
Running the program....
================================================================================
./hw03
*********************************************

    >=>      >=>     >====>       >=>        >=> >=======> >=>        >=>     >===>     >=======>    >=>   >=>
    >=>      >=>    >=>   >>      >=> >=>     >=>        >=>      >=> >=>  >=> >=>     >=>     >=>   >=>   >=>>=>
    >=>      >=> >=>        >=> >=> >=> >=>  >=>      >=>       >=> >=> >=> >=>     >=> >=> >=>     >=>   >=>
    >=======>=> >=>        >=> >=> >=>  >=> >=>====>  >=> >=>  >=> >=> >=> >=>     >=>>> >=>====>=>    >=>   >=>
    >=>      >=> >=>        >=> >=>  >> >=> >=>       >=> >> >=> >=> >=> >=>     >=>   >=>    >=>    >=>   >=>
    >=>      >=>  >=>       >=> >=>     >> >> >=>==>   >=>     >=> >=> >=>     >=>   >=>    >=>   >=>
    >=>      >=>    >====>     >=>        >=> >=======> >=>       >=> >=>   >=>       >=>    >=====>
                             CEMAL BOLAT 210104004010

*********************************************
Welcome to the 2D puzzle game !
1. New Game
2. Help
3. Exit
 >> 1
*********************************************
Please enter room size << between 5 - 10 (inclusive) >> : 5
-----------
| | | | | |
| | | |D| |
| |C| | | |
| | | | | |
| | | | | |
-----------
Next-move : w
-----------
| | | | | |
| |C| |D| |
| | | | | |
| | | | | |
| | | | | |
-----------
Next-move : d
-----------
| | | | | |
| | |C|D| |
| | | | | |
| | | | | |
| | | | | |
-----------
```

```
  ----------
 | | | |C|D| |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
  ----------
```
Next-move : d
Congartz ! << You have finished in 3 moves >>
****
1. New Game
2. Help
3. Exit
 >> 1
****
Please enter room size << between 5 - 10 (inclusive) >> : 5
```
  ----------
 | | |D| | |
 | | | | | |
 | | | | | |
 |C| | | | |
 | | | | | |
  ----------
```
Next-move : w
```
  ----------
 | | |D| | |
 | | | | | |
 |C| | | | |
 | | | | | |
 | | | | | |
  ----------
```
Next-move : w
```
  ----------
 | | |D| | |
 |C| | | | |
 | | | | | |
 | | | | | |
 | | | | | |
  ----------
```
Next-move : w
```
  ----------
 |C| |D| | |
 | | | | | |
 | | | | | |
 | | | | | |
  ----------
```
Next-move : d

```

```
Next-move : d
Congartz ! << You have finished in 5 moves >>
****************************************
1. New Game
2. Help
3. Exit
 >> 1
****************************************
Please enter room size << between 5 - 10 (inclusive) >> : 6
---------------
| | | | | |D|
| |C| | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
---------------
Next-move : w
---------------
| |C| | | |D|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
---------------
Next-move : d
---------------
| | |C| | |D|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
---------------
Next-move : d
---------------
| | | |C| |D|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
---------------
```

```
 --------------
| | | | |C|D|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
 --------------
```
Next-move : c
Invalid input << w a s d >>
Next-move : d
Congartz ! << You have finished in 5 moves >>
****
1. New Game
2. Help
3. Exit
 >> 3
Have a nice day GOODBYE !