מטלת סיום בקורס תכנות מונחה עצמים

מאת: יהל אורגד, תז: 325010809

הסבר על הקובץ:

בקובץ זה מצורפת העתקת הפלט של הקונסול, כאשר הרצתי בו את ארבעת סוגי ההרצות השונות בסדר הבא:

1) כל המשתמשים רנדומליים, והמבוך מודפס רק בסיום כל סיבוב.

על מנת לצפות בחלק זה של ההרצה, ניתן להעתיק את המלל הבא ולחפש אותו בקובץ:

NOW LETS PLAY A GAME THAT ALL THE PLAYERS ARE RANDOM AND THE MAZE GOT PRINT ONLY EVERY ROUND

2) יש משתמש אחד שאינו רנדומלי, והמבוך מודפס רק בסיום כל סיבוב.

על מנת לצפות בחלק זה של ההרצה, ניתן להעתיק את המלל הבא ולחפש אותו בקובץ:

NOW LETS PLAY A GAME THAT ONE PLAYER ISN'T RANDOM AND THE MAZE GOT PRINT ONLY EVERY ROUND

3) כל המשתמשים רנדומליים, והמבוך מודפס בסיום כל מהלך.

על מנת לצפות בחלק זה של ההרצה, ניתן להעתיק את המלל הבא ולחפש אותו בקובץ:

NOW LETS PLAY A GAME THAT ALL THE PLAYERS ARE RANDOM AND THE MAZE GOT PRINT EVERY CALL

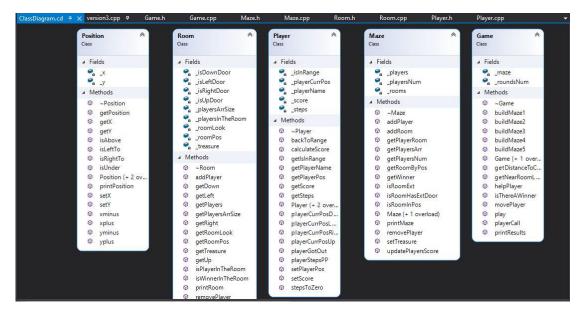**4)** יש משתמש אחד שאינו רנדומלי, והמבוך מודפס בסיום כל מהלך.

על מנת לצפות בחלק זה של ההרצה, ניתן להעתיק את המלל הבא ולחפש אותו בקובץ:

NOW LETS PLAY A GAME THAT ONE PLAYER ISN'T RANDOM AND THE MAZE GOT PRINT EVERY CALL

הדפסת המבוך אינה הומרה בשלמותה אל הקובץ, ולכן אני מצרף צילום מסך של הדפסה בודדת:

```
the results of this round is:
player name: $  and his score is: 7
player name: #  and his score is: 0
*************************
*****************************************************************
round number:   2  started
*****************************************************************
```

דיאגרמת המחלקות של הפרויקט נראית כך:

Position — Class
- Fields: _x, _y
- Methods: ~Position, getPosition, getX, getY, isAbove, isLeftTo, isRightTo, isUnder, Position (+ 2 ov..., printPosition, setX, setY, xminus, xplus, yminus, yplus

Room — Class
- Fields: _isDownDoor, _isLeftDoor, _isRightDoor, _isUpDoor, _playersArrSize, _playersInTheRoom, _roomLook, _roomPos, _treasure
- Methods: ~Room, addPlayer, getDown, getLeft, getPlayers, getPlayersArrSize, getRight, getRoomLook, getRoomPos, getTreasure, getUp, isPlayerInTheRoom, isWinnerInTheRoom, printRoom, removePlayer

Player — Class
- Fields: _isInRange, _playerCurrPos, _playerName, _score, _steps
- Methods: ~Player, backToRange, calculateScore, getIsInRange, getPlayerName, getPlayerPos, getScore, getSteps, Player (+ 2 over..., playerCurrPosD..., playerCurrPosL..., playerCurrPosRi..., playerCurrPosUp, playerGotOut, playerStepsPP, setPlayerPos, setScore, stepsToZero

Maze — Class
- Fields: _players, _playersNum, _rooms
- Methods: ~Maze, addPlayer, addRoom, getPlayerRoom, getPlayersArr, getPlayersNum, getRoomByPos, getWinner, isRoomExt, isRoomHasExtDoor, isRoomInPos, Maze (+ 1 overload), printMaze, removePlayer, setTreasure, updatePlayersScore

Game — Class
- Fields: _maze, _roundsNum
- Methods: ~Game, buildMaze1, buildMaze2, buildMaze3, buildMaze4, buildMaze5, Game (+ 1 over..., getDistanceToC..., getNearRoomL..., helpPlayer, isThereAWinner, movePlayer, play, playerCall, printResults

העתקת הפלט לקובץ זה בוצעה על ידי :(freopen("text_file.txt", "w", stdout, במיין.

להלן העתקת הפלט:

OOP FINAL PROJECT BY YAHEL ORGAD ID 325010809

****
****

NOW LETS PLAY A GAME THAT ALL THE PLAYERS ARE RANDOM AND THE MAZE GOT PRINT
ONLY EVERY ROUND

****
****

****

round number: 1 started

****


```
-------------------
.  ..  ||  ..  .
. 6 ..  ||   ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..$#.
.  ..  ||  ..  .
----..........-----
```

```
-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:3.60555

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:2.82843

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:2.82843

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room left to you you looks like:

| |

| 0 |

| |

| |

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved right

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:2

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:1.41421

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room left to you you looks like:

. |

. 0 |

. |

. |

.....

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:2

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room right to you you looks like:

. .

. 0 .

. .

. .

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:2.23607

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : there isnt a room under you

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Down/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Down/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Down/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room right to you you looks like:

| |

| 0 |

| |

| |

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved right

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room left to you you looks like:

.....

| .

| 0 .

| .

| .

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room left to you you looks like:

.....

| |

| 0 |

| |

| |

.....

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : there isnt a room under you

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:1.41421

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Down/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved right

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:1

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

there is a winner *or* all players got out of the maze

****

. .. || .. .

. 6 .. || ..   .

. $.. || #..   .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

----..........-----

. .. || .. .

```
.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------
```

```
**************************

the results of this round is:

player name: $  and his score is: -1

player name: #  and his score is: -11

**************************

*********************************************************

round number:  2  started

*********************************************************
```

```
-------------------

.  ..  ||  ..  .

. 6 ..  ||  ..  .

. #..  ||  .. $.

.  ..  ||  ..  .

----..........-----


----..........-----
```

```
|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........----
```

```
**************************

there is a winner *or* all players got out of the maze

**************************
```

```
-------------------

.  ..  ||  ..  .

. 6 ..  ||  ..  .

.  #..  ||  ..  $.

.  ..  ||  ..  .
```

```
-----..........-----


-----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
-----..........-----


-----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
-----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |
-----..........-----
```

```
*************************

the results of this round is:

player name: $  and his score is: -1

player name: #  and his score is: -5

*************************

*****************************************************
```

round number: 3 started

****

```
--------------------
.  ..  ||  ..  .
. 7 ..  ||   ..  .
.  #..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  .. $.
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
--------------------
```

```
**************************

there is a winner *or* all players got out of the maze

**************************


--------------------
.  ..  ||  ..  .
. 7 ..  ||  ..  .
. #..  ||  ..  .
.  ..  ||  ..  .
----.........-----


----.........-----
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  .. $.
.  ..  ||  ..  .
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
```

```
|  ||  ..  ||  |
-------------------
```

```
*************************
the results of this round is:
player name: $  and his score is: -1
player name: #  and his score is: 2
*************************
```

```
*************************
the winner name is:  #  and his score is:  2
```

GAME ENDED! BYE! SEE U SOON ;)

```
*****************************************************************************
****************************
NOW LETS PLAY A GAME THAT ONE PLAYER ISN'T RANDOM AND THE MAZE GOT PRINT
ONLY EVERY ROUND
*****************************************************************************
****************************
*******************************************************
round number:  1  started
*******************************************************
```

```
-------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
```

```
.  ..  ||  ..  .

-----..........-----



-----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----



-----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----



-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..$#||  |

|  ||  ..  ||  |

----..........-----




**************************

now its player $ turn

What you want to do Menu

*******

0) Stay
```

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 0

you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 0

you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 0

you moved up

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 3

you moved right

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved left

****

there is a winner *or* all players got out of the maze

****

. .. || .. .

. .. || .. 8 .

. .. || .. $.

. .. || .. .

-----..........-----

-----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

-----..........-----

-----..........-----

```
|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  ||  |

|  ||  ..  ||  |

----..........----
```

```
**************************

the results of this round is:

player name: $  and his score is: 12

player name: #  and his score is: -1

**************************

********************************************************

round number:   2  started

********************************************************
```

```
--------------------

.  ..  ||  ..  .

. 7 ..  ||  ..  .

. $#..  ||  ..  .

.  ..  ||  ..  .

----..........----
```

```
----..........-----
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
-------------------
```

```
**************************
```

there is a winner *or* all players got out of the maze

```
**************************
```

```
-------------------
.  ..  ||  ..  .
. 7 ..  ||  ..  .
. $#..  ||  ..  .
```

```
.  ..  ||  ..  .

-----..........-----


-----..........-----

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------




**************************

the results of this round is:

player name: $  and his score is: 19

player name: #  and his score is: -1

**************************
```

```
**********************************************************

round number:  3  started

**********************************************************


--------------------
.  .. || ..  .
.  .. || ..  .
. $.. || ..  .
.  .. || ..  .
----.........-----


----.........-----
.  .. || ..  .
. 7 .. || ..  .
. #.. || ..  .
.  .. || ..  .
----.........-----


----.........-----
| || .. || |
| || .. || |
| || .. || |
| || .. || |
--------------------


--------------------
| || || || |
| || || || |
| || || || |
| || || || |
--------------------
```

```
**************************

there is a winner *or* all players got out of the maze

**************************


--------------------
.  ..  ||  ..  .
.  ..  ||  ..  .
. $..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
.  ..  ||  ..  .
. 7 ..  ||  ..  .
.  #..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
--------------------


--------------------
|  ||  ||  ||  |
|  ||  ||  ||  |
```

```
|  ||  ||  ||  |
|  ||  ||  ||  |
-------------------
```

```
*************************
the results of this round is:
player name: $  and his score is: 19
player name: #  and his score is: 6
*************************
```

```
*************************
the winner name is:  $  and his score is:  19
```

GAME ENDED! BYE! SEE U SOON ;)

```
*********************************************************************
***************************
```

NOW LETS PLAY A GAME THAT ALL THE PLAYERS ARE RANDOM AND THE MAZE GOT PRINT EVERY CALL

```
*********************************************************************
***************************
```

```
********************************************************
round number:  1  started
********************************************************
```

```
-------------------
.  ..  ||  ..  .
.  ..  ||  .. 6 .
```

```
. ..  || .. $.

. ..  || .. .

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----

. .. .. .. .

. .. .. .. .

. #.. .. .. .

. .. .. .. .

-------------------


-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------




**************************

there is a winner *or* all players got out of the maze

**************************
```

```
**************************

the results of this round is:

player name: $  and his score is: 6

player name: #  and his score is: 0

**************************

********************************************************

round number:   2  started

********************************************************


--------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----
```

```
|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  $||   |

|  ||  ..  ||  |

----..........-----
```

```
**************************
```

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:3.16228

```
--------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----
```

```
----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
```

```
|  ||  ||  ||  |
-----..........-----


-----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  || #.. $||  |
|  ||  ..  ||  |
----..........-----
```

```
*************************
```

now its player # turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

```
********
```

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:3.60555

```
--------------------

.  ..  ||  ..  .

.  ..  ||  ..8.

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  $||  |

|  ||  ..  ||  |

----..........-----



**************************
```

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room right to you you looks like:

| |

| 0 |

| |

| |

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

```
----..........-----



----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
----..........-----



----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
----..........-----



----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  $||   |

|  ||  ..  ||  |
----..........-----




*************************

now its player # turn

What you want to do Menu

********

0) Stay

1) Move
```

2) Help

Enter what you want to do : you styed at your place

\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........----

----..........----

| || || || |

| || || || |

| || || || |

| || || || |

----..........----

----..........----

| || || || |

| || || || |

| || || || |

| || || || |

----..........----

----..........----

| || .. || |

| || .. || |

| || #.. $|| |

| || .. || |

----..........----

```
*************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do :  you styed at your place


--------------------

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----


----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----


----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----
```

```
----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  $||   |

|  ||  ..  ||  |

----..........----
```

```
**************************
```

now its player # turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

```
-------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........----
```

```
----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
```

```
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  #..  $||  |
|  ||  ..  ||  |
----..........-----




**************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

********

0) Up

1) Down

2) Left

3) Right
```

Enter what you want to do : you moved up


```
--------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  #..  ||  |
|  ||  ..  ||  |
-----..........-----
```

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : there isnt a room under you

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

```
|  ||  ||  ||  |

-----..........-----


-----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

-----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  || #..  ||  |

|  ||  ..  ||  |

-----..........-----
```

```
*************************
```

now its player $ turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place


```
-------------------
```

. .. || .. .

. .. || .. 8 .

```
.  ..  ||  ..  .

.  ..  ||  ..  .

----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  || #..  ||  |

|  ||  ..  ||  |

----..........----




*************************

now its player # turn

What you want to do Menu

*******
```

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:3.60555

```
--------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ..  ||  |
```

```
|  ||  ..  ||  |

|  ||  #..  ||  |

|  ||  ..  ||  |

-----..........-----
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room left to you you looks like:


```
.....

|  |

| 0 |

|  |

|  |
```

.....

```
-------------------
.  ..  ||  ..  .
.  ..  ||  ..8.
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  $||   |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  #..  ||   |
|  ||  ..  ||  |
----..........-----
```

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:3.60555

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

----..........-----

| || || || |

| || || || |

```
|  ||  ||  $||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  ||  |

|  ||  ..  ||  |

----..........----
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

```
-------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........----


----..........----

|  ||  ||  ||  |
```

```
|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  ||  |

|  ||  ..  ||  |

----..........----
```

```
**************************

now its player # turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

********

0) get distance to the nearest treasure
```

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:3.60555

```
--------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  #..  ||  |
|  ||  ..  ||  |
----.........-----
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:2.23607

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

----..........-----

| || || || |

| || || || |

| || || $|| |

```
|  ||   ||   ||  |

-----..........-----


-----..........-----

|  ||   ..   ||  |

|  ||   ..   ||  |

|  || #..    ||  |

|  ||   ..   ||  |

-----..........-----
```

```
**************************
```

now its player # turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place


```
-------------------

.  ..   ||   ..  .

.  ..   ||   .. 8 .

.  ..   ||   ..  .

.  ..   ||   ..  .

-----..........-----


-----..........-----

|  ||   ||   ||  |

|  ||   ||   ||  |
```

```
|  ||  ||  ||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  #..  ||  |

|  ||  ..  ||  |

----..........----
```

```
**************************
```

now its player $ turn

What you want to do Menu

```
*******
```

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

```
*******
```

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room left to you you looks like:

```
.....
|   |
| 0 |
|   |
|   |
.....



--------------------
.  ..  ||  ..  .
.  ..  ||  ..  8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
```

```
|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  || #..  ||  |

|  ||  ..  ||  |

----..........----
```

```
**************************
```

now its player # turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place


```
--------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........----
```

```
----..........----

|  || || || |

|  || || || |

|  || || || |

|  || || || |

----..........----


----..........----

|  || || || |

|  || || || |

|  || || $|| |

|  || || || |

----..........----


----..........----

|  || .. || |

|  || .. || |

|  || #.. || |

|  || .. || |

----..........----




*************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu
```

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:2.23607

```
--------------------

. ..  ||  ..  .

. ..  ||  .. 8 .

. ..  ||  ..  .

. ..  ||  ..  .

----..........-----


----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----


----..........-----

| || || || |

| || || || |

| || || $|| |

| || || || |

----..........-----


----..........-----

| || .. || |

| || .. || |

| || #.. || |

| || .. || |

----..........-----
```

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you got out

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........----

----..........----

| || || || |

| || || || |

| || || || |

| || || || |

```
----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  $||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........----
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place


```
-------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .
```

. .. || .. .

-----..........-----

-----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

-----..........-----

| || || || |

| || || || |

| || || $|| |

| || || || |

----..........-----

-----..........-----

| || .. || |

| || .. || |

| || .. || |

| || .. || |

----..........-----

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

----..........-----

| || || || |

| || || || |

| || || $|| |

| || || || |

----..........-----

----..........-----

| || .. || |

| || .. || |

| || .. || |

| || .. || |

----..........-----

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

----..........-----

| || || || |

| || || || |

| || || $|| |

| || || || |

```
-----..........-----


-----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
----..........-----
```



```
**************************
```

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || $|| |

| || || || |

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

----..........-----

| || .. || |

| || .. || |

| || .. || |

| || .. || |

----..........-----

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : the room left to you you looks like:

.....

| |

| 0 |

| |

| |

.....

. .. || .. .

```
.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----




----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........-----




----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----




----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........-----




**************************

now its player $ turn

What you want to do Menu
```

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down


```
--------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
```

```
----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........-----
```

```
*************************
```

now its player $ turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

```
********
```

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up


```
-------------------
```

```
.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .
```

```
----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  $||   |

|  ||  ||  ||  |
----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |
----..........-----




*************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move
```

2) Help

Enter what you want to do : you styed at your place


```
--------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----



----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........-----



----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----



----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........-----
```


2) Help

Enter what you want to do : you styed at your place

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : the disatance to the closest treasure to you is:1.41421

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || $|| |

| || || || |

----..........-----

----..........-----

| || || || |

| || || || |

```
|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........-----




**************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do :  you styed at your place


-------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ||  ||  |
```

```
|  ||  ||  ||  |

|  ||  ||  $||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........----


----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........----
```

```
*************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do :  you styed at your place


--------------------
```

```
.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........-----
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

```
-------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
```

```
|  ||  ..  ||  |
|  ||  ..  ||  |
----..........----
```

```
**************************
```

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Left/Down)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down

```
--------------------
.  ..  ||  ..  .
```

```
.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----



----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----



----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........-----



----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........-----




**************************

now its player $ turn

What you want to do Menu
```

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place


```
--------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
```

```
|  ||   ..   ||   |
-----..........-----
```

```
**************************
```

now its player $ turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

```
********
```

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

```
--------------------
.  ..   ||   ..  .
.  ..   ||   .. 8 .
.  ..   ||   ..  .
.  ..   ||   ..  .
-----..........-----
```

```
-----..........-----
|  ||  ||  ||   |
|  ||  ||  ||   |
|  ||  || $||   |
```

```
|  ||  ||  ||  |
----..........----


----..........----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........----


----..........----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
----..........----
```

```
**************************
now its player $ turn
What you want to do Menu
********
0) Stay
1) Move
2) Help
Enter what you want to do : where you want to move Menu
********
0) Up
1) Down
2) Left
```

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Up/Down/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved down


```
-------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----.........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
----..........-----
```

```
----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........----
```

```
**************************
```

now its player $ turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

```
--------------------

.  ..  ||  ..  .

.  ..  ||  .. 8 .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........----
```

```
----..........----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |
```

```
----..........-----



----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  || $||  |

|  ||  ||  ||  |

----..........-----



----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

----..........-----
```

```
*************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

********

0) Up

1) Down

2) Left

3) Right
```

Enter what you want to do : you moved up


```
--------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  || $||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
----..........-----
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

. .. || .. .

. .. || .. 8 .

. .. || .. .

. .. || .. .

----..........-----

----..........-----

| || || || |

| || || || |

| || || $|| |

| || || || |

----..........-----

----..........-----

| || || || |

| || || || |

| || || || |

| || || || |

----..........-----

```
----..........----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
----..........----
```

```
**************************
```

now its player $ turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

```
********
```

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved up

```
-------------------
.  ..  ||  ..  .
.  ..  ||  .. 8 .
.  ..  || $..  .
.  ..  ||  ..  .
----..........----
```

```
-----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-----..........-----



-----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-----..........-----



-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-----..........-----




*************************
```

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

```
--------------------
.  ..  ||  ..  .
.  ..  ||  ..8 .
.  ..  || $.. .
.  ..  ||  ..  .
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----.........-----


----.........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
----.........-----
```

```
**************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

********

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you moved right


-------------------

.  ..  ||  ..  .

.  ..  ||  ..  8 .

.  ..  ||  ..  $.

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

----..........-----


----..........-----

|  ||  ||  ||  |
```

```
|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-----..........-----
```

```
**************************

there is a winner *or* all players got out of the maze

**************************


**************************

the results of this round is:

player name: $  and his score is: 12

player name: #  and his score is: -1

**************************

*******************************************************

round number:   3  started

*******************************************************


-------------------

.  ..  ||  ..  .

.  ..  ||  .. 6 .

.  ..  ||  .. #.
```

```
.  ..  ||  ..  .

-----..........-----


-----..........-----

.  ..  ||  ..  .

.  ..  ||  ..  .

. $..  ||  ..  .

.  ..  ||  ..  .

-----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------


-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------
```

```
**************************

there is a winner *or* all players got out of the maze

**************************


**************************
```

the results of this round is:

player name: $ and his score is: 12

player name: # and his score is: 5

****

****

the winner name is: $ and his score is: 12

GAME ENDED! BYE! SEE U SOON ;)

****
****

NOW LETS PLAY A GAME THAT ONE PLAYER ISN'T RANDOM AND THE MAZE GOT PRINT
EVERY CALL

****
****

****

round number: 1 started

****

. .. || .. .
. 7 .. || .. .
. .. || .. #.
. .. || .. .
-----..........-----

-----..........-----
. .. || .. .
. .. || .. .

```
.  ..  ||  ..  $.

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------


-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------




**************************

now its player $ turn

What you want to do Menu

*******

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

*******

0) Up
```

1) Down

2) Left

3) Right

Enter what you want to do : 2

you moved left

. .. || .. .

. 7 .. || .. .

. .. || .. #.

. .. || .. .

----..........-----

----..........-----

. .. || .. .

. .. || .. .

. .. || $.. .

. .. || .. .

----..........-----

----..........-----

| || .. || |

| || .. || |

| || .. || |

| || .. || |

| || || || |

| || || || |

| || || || |

| || || || |

```
**************************

now its player # turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do :  you styed at your place


-------------------

.  ..  ||  ..  .

. 7 ..  ||  ..  .

.  ..  ||  .. #.

.  ..  ||  ..  .

----.........-----


----.........-----

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  || $.. .

.  ..  ||  ..  .

----..........-----


----..........-----

| || .. || |

| || .. || |
```

```
|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------


-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 1

you moved down

```
.  ..  ||  ..  .

. 7 ..  ||   ..  .

.  ..  ||  ..  #.

.  ..  ||  ..  .

----..........-----


----..........-----

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  .. $||  |

|  ||  ..  ||  |

--------------------


--------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

--------------------



**************************

now its player # turn
```

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place


```
--------------------
.  ..  ||  ..  .
. 7 ..  ||   ..  .
.  ..  ||  .. #.
.  ..  ||  ..  .
----..........-----


----..........-----
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  .. $||  |
|  ||  ..  ||  |
--------------------


--------------------
|  ||  ||  ||  |
|  ||  ||  ||  |
```

```
|  ||  ||  ||  |
|  ||  ||  ||  |
-------------------
```

```
**************************
```

now its player $ turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

```
********
```

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 2

you moved left

```
-------------------
.  ..  ||  ..  .
. 7 ..  ||  ..  .
.  ..  ||  .. #.
.  ..  ||  ..  .
----..........-----
```

```
-----..........-----
```

```
.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

----..........-----


----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  $..  ||  |

|  ||  ..  ||  |

--------------------


--------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

--------------------
```

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place

```
--------------------

.  ..  ||  ..  .

. 7 ..   ||   ..  .

.  ..  ||  .. #.

.  ..  ||  ..  .

-----..........-----


-----..........-----

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

-----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  $..  ||  |

|  ||  ..  ||  |

--------------------


--------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

--------------------



**************************
```

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 0

you moved up

. .. | | .. .

. 7 .. | | .. .

.   .. | | .. #.

.   .. | | .. .

----..........-----

----..........-----

. .. | | .. .

. .. | | .. .

. .. $| | .. .

. .. | | .. .

----..........-----

----..........-----

```
|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------


-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------
```

****

now its player # turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : Wich help you want to get Menu

****

0) get distance to the nearest treasure

1) see how near room looks like

Enter what you want to do : Wich near room you want to see Menu

****

0) above you

1) below you

2) left to you

3) right to you

Enter what you want to do : there isnt a room right to you

```
--------------------
.  ..  ||  ..  .
. 7 ..  ||  ..  .
.  ..  ||  .. #.
.  ..  ||  ..  .
----..........-----


----..........-----
.  ..  ||  ..  .
.  ..  ||  ..  .
.  .. $||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
--------------------


--------------------
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
--------------------
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 0

you moved up

. .. || .. .

. 7 .. || .. .

. .. $|| .. #.

. .. || .. .

----..........-----

----..........-----

. .. || .. .

. .. || .. .

. .. || .. .

. .. || .. .

```
----..........-----




----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------




-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------
```



```
**************************
```

now its player # turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : you styed at your place


```
-------------------

.  ..  ||  ..  .

. 7 ..  ||  ..  .

.  ..  $||  ..  #.
```

```
.  ..  ||  ..  .

-----..........-----


-----..........-----

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

-----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

--------------------


--------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

--------------------



**************************

now its player $ turn

What you want to do Menu

********

0) Stay
```

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 2

you moved left


```
--------------------
.  ..  ||  ..  .
. 7 ..  ||   ..  .
.  $..  ||  ..  #.
.  ..  ||  ..  .
-----..........-----


-----..........-----
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
-----..........-----


-----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
```

```
--------------------


--------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

--------------------
```

```
**************************

now its player # turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do :  you styed at your place
```

```
--------------------

.  ..  ||  ..  .

. 7 ..  ||  ..  .

.  $..  ||  ..  #.

.  ..  ||  ..  .

----..........-----


----..........-----

.  ..  ||  ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .
```

```
.  ..  ||  ..  .

-----..........-----


-----..........-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------


-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------
```

```
*************************

there is a winner *or* all players got out of the maze

*************************


*************************

the results of this round is:

player name: $  and his score is: 8

player name: #  and his score is: 0

*************************

******************************************************

round number:  2  started

******************************************************
```

```
--------------------
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
----..........-----


----..........-----
.  ..  ..  ..  .
. 6 ..  ..  ..  .
. $#..  ..  ..  .
.  ..  ..  ..  .
--------------------


--------------------
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
--------------------
```

```
**************************

there is a winner *or* all players got out of the maze

**************************


**************************

the results of this round is:

player name: $  and his score is: 14

player name: #  and his score is: 0

**************************

********************************************************

round number:   3  started

********************************************************


--------------------
.  ..  ||  ..  .
.  ..  ||  ..  .
. $#..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
.  ..  ||  ..  .
. 7 ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
```

```
|  ||  ..  ||  |

--------------------


--------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

--------------------
```

```
**************************

now its player $ turn

What you want to do Menu

********

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

********

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 3

you moved right


--------------------

.  ..  ||  ..  .
```

```
.  ..  ||  ..  .

. #..  $||  ..  .

.  ..  ||  ..  .

----.……….-----


----.……….-----

.  ..  ||  ..  .

. 7 ..   ||   ..  .

.  ..  ||  ..  .

.  ..  ||  ..  .

----.……….-----


----.……….-----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------


-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------



**************************

now its player # turn

What you want to do Menu
```

****

0) Stay

1) Move

2) Help

Enter what you want to do : where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you cant go there, there is a wall in the way, please try again to move somewhere else (Down/Left/Right)

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : you got out

```
--------------------
.  ..  ||  ..  .
.  ..  ||  ..  .
.  .. $||  ..  .
.  ..  ||  ..  .
-----..........-----


-----..........-----
.  ..  ||  ..  .
. 7 ..  ||   ..  .
```

```
.  ..  ||  ..  .

.  ..  ||  ..  .

----..........----



----..........----

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

|  ||  ..  ||  |

-------------------



-------------------

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

|  ||  ||  ||  |

-------------------
```

****

now its player $ turn

What you want to do Menu

****

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

****

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 1

you moved down


```
--------------------

. .. || .. .

. .. || .. .

. .. || .. .

. .. || .. .

----..........-----


----..........-----

. .. || .. .

. 7 .. || .. .

. .. $|| .. .

. .. || .. .

----..........-----


----..........-----

| || .. || |

| || .. || |

| || .. || |

| || .. || |

--------------------


--------------------

| || || || |

| || || || |

| || || || |
```

```
|  ||  ||  ||  |
-------------------
```

```
**************************
```

now its player $ turn

What you want to do Menu

```
********
```

0) Stay

1) Move

2) Help

Enter what you want to do : 1

where you want to move Menu

```
********
```

0) Up

1) Down

2) Left

3) Right

Enter what you want to do : 2

you moved left

```
-------------------
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
.  ..  ||  ..  .
----..........-----
```

```
----..........-----
.  ..  ||  ..  .
```

```
. 7 ..  ||  ..  .
. $..  ||  ..  .
.  ..  ||  ..  .
----..........-----


----..........-----
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
|  ||  ..  ||  |
-------------------


-------------------
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
|  ||  ||  ||  |
-------------------




**************************
there is a winner *or* all players got out of the maze
**************************


**************************
the results of this round is:
player name: $  and his score is: 25
player name: #  and his score is: -1
**************************
```

****

the winner name is: $ and his score is: 25

GAME ENDED! BYE! SEE U SOON ;)

Press any key to continue . . .

C:\Users\Yhely\OneDrive\ שולחן העבודה\מסמכים שלי\תשפ סמסטר קיץ\תכנות מונחה\ עצמים\מטלת סיום\OOP_FINAL_PROJECT_YAHEL_ORGAD\Debug\OOP_FINAL_PROJECT_YAHEL_ORGAD.exe (process 13656) exited with code 0.

To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

Press any key to close this window . . .