Dragon and dungeon

-This project is written in java followed by the principles of Object Oriented programming. The Interface of this game is "CLI".

-To start the game you should run the command java -jar hw3.jar and the path of the folder "Levels" as argument.

-This project is an assignment from the course "Principles of object oriented programming".

Instructions-

-First you should choose a player to play with from the presented options.

-The player is represented by the character –"@" and the enemies represented by other characters that will be explained next. The free spaced represented by "." and the walls by "#" in the game's board.

-Then you should go in the dungeon in the manner of:

Character	Action
'w'	Move up
's'	Move down
'a'	Move left
'd'	Move right
'e'	Cast special ability
'q'	Do nothing

-Game flow:

•The user chooses a player character.

• The game starts with the first level. Each level consists of several rounds. A round, also called Game Tick, is defined as follows: – Player make a single action. – Each enemy make a single action.

• The level ends once the enemies are all dead. In this case, the next level will be loaded up.

• The game ends once the player finished all levels, or if the player dies.

-Documentation of the current situation in the game is written after each move.

-The players and enemies attributes:

Warriors								
Name	Health	Attack	Defense	Cooldown				
Jon Snow	300	30	4	6				
The Hound	400	20	6	4				
Mages								
Name	Health	Attack	Defense	Spell Power	Mana Pool	Mana Cost	Hit Times	Range
Melisandre	160	10	1	40	300	30	5	6
Thoros of Myr	250	25	3	15	150	50	3	3
Rogues								
Name	Health	Attack	Defense	Cost				
Arya Stark	150	40	2	20				
Bronn	250	35	3	60				

- Enemies

  - Monsters:

Name	Tile	Health	Attack	Defense	Vision Range	Experience Value
Lannister Solider	's'	80	8	3	3	25
Lannister Knight	'k'	200	14	8	4	50
Queen's Guard	'q'	400	20	15	5	100
Wright	'z'	600	30	15	3	100
Bear-Wright	'b'	1000	75	30	4	250
Giant-Wright	'g'	1500	100	40	5	500
White Walker	'w'	2000	150	50	6	1000
The Mountain	'M'	1000	60	25	6	500
Queen Cersei	'C'	100	10	10	1	1000
Night's King	'K'	5000	300	150	8	5000