Coding Games and Programmin

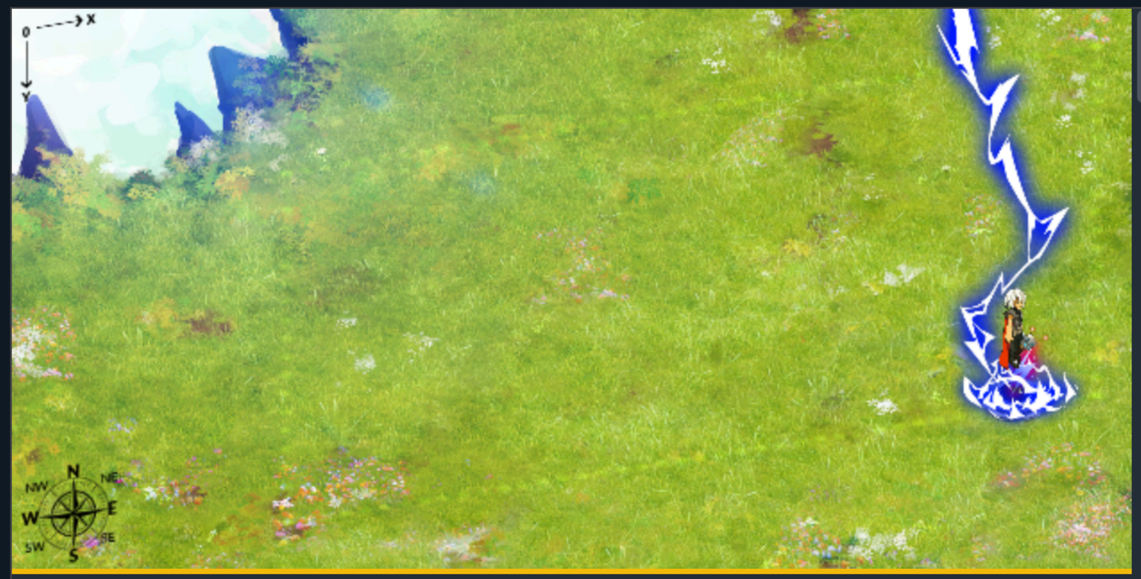
https://www.codingame.com/ide/puzzle/power-of-thor-episode-1

github | YouTube | School | CPP | TA | רובוטים אוטונומיים | אלגו מחקריים | Final Project Literat... | Other Bookmarks

Power of Thor - Episode 1

2 GET A JOB Best score 100%

BACK
HINTS
FORUM
RESULTS
SETTINGS
FRIENDS



36/36

The Goal

Your program must allow Thor to reach the light of power.

Console output — Game information, A...

```
Thor position = (34,17). Light position = (36,17). Energy = 2

Standard Output Stream:
> E
Game information:
Thor's moving...
Thor position = (35,17). Light position = (36,17). Energy = 1

Standard Output Stream:
> E
Game information:
Success: Thor reached the flash of power in time!
Thor position = (36,17). Light position = (36,17). Energy = 0
```

35/36

36/36

Python 3

```python
curr_y = initial_ty
curr_x = initial_tx
# game loop
while True:
    remaining_turns = int(input())  # The remaining amount of turns Thor can mov
    dir = ""
    if light_y < curr_y:
        dir += 'N'
        curr_y -= 1

    elif light_y > curr_y:
        dir += 'S'
        curr_y += 1

    if light_x > curr_x:
        dir += 'E'
        curr_x += 1

    elif light_x < curr_x:
        dir += 'W'
        curr_x -= 1

    print(dir)
```

Test cases

01	!	Straight line	CHECK AGAIN
02	!	Up	CHECK AGAIN
03	!	Easy angle	CHECK AGAIN
04	!	Optimal angle	CHECK AGAIN

Actions

PLAY ALL TESTCASES

SUBMIT