

Documentation

Classes:

- **Main.py:** This class contains the game loop as it creates an instance of class Game and uses all classes functions and attributes.
- **Wizard.py:** This class contains the main properties of each wizard as well as the setters and getters for each attribute.
- **Game.py:** This class contains the functions that reads from the input file and the spells file. It also contains instances of class Wizard (harry and Voldemort). Most of the logic occurs in this class.

Reading from file:

- There are three functions that control reading from the files: (read_power() , read_input(), num_line())
- **read_power(spell):** this function takes the name of the spell as input then searches for the power of that spell in the spells file
- **read_input():** this function reads input file line by line assigning harry and Voldemort spells respectively
- **num_line():** this function counts the number of input lines in the file so that inside the loop, the function doesn't read empty lines