PYTHON COMBAT

Team- PseudoCoders
Members-
- Aditya Raj
- Anshika Raman
- Namrata Jha

CHALLENGES FACED

- Element deletion in Canvas
- Syntax highlighting using CodeMirror
- Implementation on CodeMirror
- Line by line execution of the code using timer
- Accessing variables defined in JS in Brython

TECHSTACK USED

- Frontend - HTML, CSS, JavaScript, Bootstrap
- Implementing python in browser - Brython
- Code Editor - CodeMirror
- Arena - HTML Canvas Tag

WORK DIVISION

The base frontend of the website was made by Aditya. He added syntax highlighting using codemirror. Anshika added the logger part, and the feature to import files to the code editor. I started the autocomplete feature, which was completed by Aditya. We made the movement functions together. I added the timer function which helps executing the code line by line, and added the alert box when warrior steps out of arena.

TO BE COMPLETED

- Base version is complete
- Different levels and arena have to be created
- Sprites addition - Animating the movement of the warrior
- Logger and UI improvement
- Documentation