

Tristan Dow

Dr. Hougen CS 2413

Lab 4 Design Doc

- Class Eclipse

This class was made fairly simple, and I opted for keeping all data in a fixed-size array of strings, as this made outputting the data much easier. I also added an accessor for when I need very specific values from an individual Eclipse.

I also included a currColumn field and an accessor for it in order to keep track of the number of columns already inserted into the Eclipse.

The ability to add data to the Eclipse was massively restricted for the time being, as it is not currently necessary, is very easily remedied, and makes debugging much easier. Because of this, the only way to add data to the Eclipse is through InsertNext(), which only allows the program to append to the Eclipse array.