

Assignment 4

The full assignment specification is available via resources tab here on Ed.

If you are using Python, `main.py` is the entry point to your application, `parser.py` is some helper code that you can use to read the input.

I recommend you create another `.py` file for your own code, and import it into `main.py`, but you could implement everything directly in `main.py` if you wanted to.

The first thing you should implement is some more reasonable way to represent the CFG's rules than the list of tuples included in the dictionary output by the skeleton code's parser.

If you are using another language, you will need to edit `"run.sh"` (and `"build.sh"` if using a compiled language like Java or C) so that Ed knows how to run your program.

If you want to test your program in the browser, and see its full output, click the 'terminal' button, then type

```
bash run.sh < tests/membership_example.in
```

Some example tests are provided. I recommend that you create some more test cases to help you debug your own code.

Be aware that there are hidden test cases, and we may add more tests during marking. Passing the visible tests is necessary, but not necessarily sufficient for full marks.