CS520 object-oriented programming

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1. What I learn from this project

parse :

lexer:

AST:

How to use vim

How to set up environment parameters

sys:

Io:

Maybe they are not related to your expectation and to this project, it’s still a challenge for me to use these concepts in the project,

Grace Documation is so hard for me, so I tried a simpler one but without test.

2. Why I can’t do the Grace Documation

At last I found that I need to learn so much things before I can do this project.

They are:

Fully Understand the gracedocMD.grace code and what it do

Know exactly how parser and lexer work and form the ast tree.

3. What I tried

Understand the gracedocMD.grace and see how it works,

How to set up attributes for makedown

What does it do and interact with lexer.grace, parse.grace and ast.grace

4. At last what I did:

Instead, I write a small python code to convert .xml to .html, and build 3 kinds of small tags to with different functions.

There are <page>, <directory>, <note> tags

<page>can build a new html page

<directory> can build a url directory

<note> can send message from sender to receiver and list them on the html page