

0.0.1 Parse Tree

Parse trees are nearly the same as an abstract syntax tree, but here all internal nodes are labeled with a non-terminal symbol and all leaves are labeled with a terminal symbol. A sub-tree describes one instance of an abstraction of a sentence.

To help understand the difference between an abstract syntax tree and a parse tree, two trees are made, one of each, over the same code for a variable declaration in the project language.

```
1      int x <-- 3+2;
```

Listing 1: A simple variable declaration in the project language.

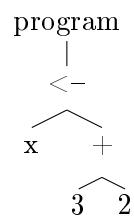


Figure 0.1: An abstract syntax tree