PROJECT 1 NOTES

- WHAT IS MOSTLY UNCHANGED FROM STARTUP?
  - THE AST TREE WALK
  - IF THERE WAS A CALL TO COUNT_DECLS_AND_USES,
    - YOU WILL NEED A CALL TO YOUR METHOD

- WHAT MUST BE CHANGED?
  - THE DATA STRUCTURE YOU BUILD AS OUTPUT
  - WHAT DOES THE NEW DATA STRUCTURE LOOK LIKE?

REVERSE ENGINEER FROM REQUIRED OUTPUT
EXPECTED OUTPUT IS

```c
{ int a;
  Bool b;
  IF (b)
      a = a + 1;
}
```

1: a (Int) : 4(2)
2: b (Bool) : 3

Now determine what structures produce this data!
Rules of CSX-lite are vague, aren't they?
Need more precise rules.

Looking at AST tells us a lot:

```
{ let a;
  a = b;
  {bool b;
   ...
  }
}
```