As a very simple example, consider multiplication by 0 or 1. This is obviously not the best code for our program.

```
text      output_int
movl      output_int
```

All of these can help the compiler create a revised IF that is likely to leave
`output_int` and `text` with an assigned value. For arrays and other types with
```

should probably only be used at compile time.
```

More on the various phases:

- The initial, "augmenting" production is for the parser's convenience --
- A grammar is a definition of the set of valid sentences of some language, in the formal sense.