CAP - Exercise: grammars - attribution

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EXERCISE ▶ **Declarations of variables**
Write a grammar that accepts declarations of variables like :

```
int x=1;
float y,z;
int t;
float u,v=0;
```

and rejects :

```
int x, int y;
```

Then write an attribution that prints individual declarations (of the first case) like :

```
int x=1; float y; float z; int t; int u; float v=0;
```

EXERCISE ▶ **XML Files**

We give the following grammar :

```
L ->E L
|
E -> A L B
|    ident
A -> < ident >
B -> </ ident >
```

1. Give the derivation tree for the chain `<html><head>toto</head>titi</foo>`.
2. Attribute this grammar to verify that opening and closing tags refer to the same identifiers.