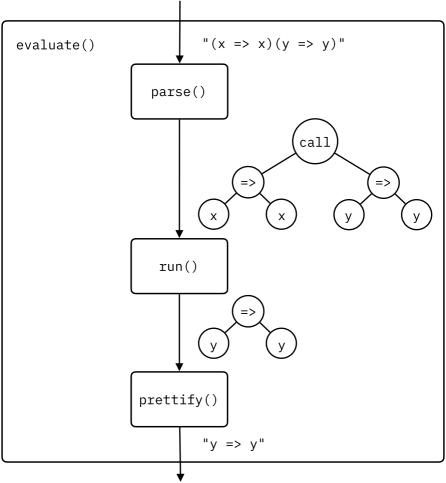
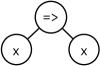
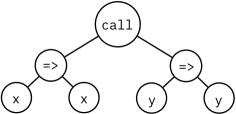
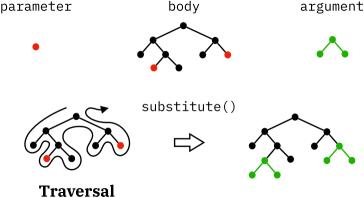
```
"body": {
       "type": "Identifier",
                                            Body
       "name": "y"
     }
                                             Code
   }
]
  We choose to represent Yocto-JavaScript programs with the data structures above
pecause they follow a specification called ESTree [1], and by adhering to this specifi-
eation we may reuse tools from the JavaScript ecosystem (see \S 1.3.17 and \S 1.3.18).
  In general, the data structures used to represent Yocto-JavaScript programs are
of the following types (written as TypeScript types adapted from the ESTree types [3]
o include only the features supported by Yocto-JavaScript):
:ype Expression = ArrowFunctionExpression | CallExpression | Identifier;
.nterface ArrowFunctionExpression {
type: "ArrowFunctionExpression";
 params: [Identifier];
body: Expression;
.nterface CallExpression {
type: "CallExpression";
callee: Expression;
arguments: [Expression];
.nterface Identifier {
type: "Identifier";
name: string;
  (The definitions above correspond to elements of the Yocto-JavaScript grammar
see § 1.1.4); for example, Expression corresponds to e.)
  In later steps various aspects of the interpreter will change, including parts of
```

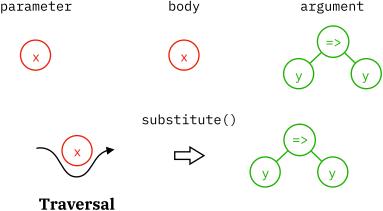
} ],

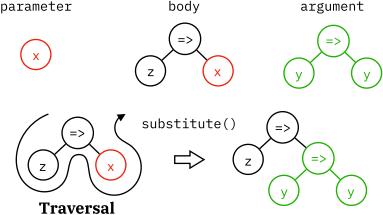












## **Option 1: No shadowing** Refers to Result $x \Rightarrow y \Rightarrow y$ $(x \Rightarrow x \Rightarrow x)(y \Rightarrow y)$