6.5 Code Generation

A function declaration generates JavaScript code that is equivalent to:

```
function <FunctionName>(<FunctionParameters>) {
    <DefaultValueAssignments>
    <FunctionStatements>
}
```

FunctionName is the name of the function (or nothing in the case of a function expression).

FunctionParameters is a comma separated list of the function's parameter names.

DefaultValueAssignments is a sequence of default property value assignments, one for each parameter with a default value, in the order they are declared, of the form

```
if (typeof <Parameter> === "undefined") { <Parameter> = <Default>; }
```

where *Parameter* is the parameter name and *Default* is the default value expression.

FunctionStatements is the code generated for the statements specified in the function body.