

src\parser\FunctionDeclaration.java

```
1 package src.parser;
2
3 import java.util.ArrayList;
4
5 public class FunctionDeclaration extends Declaration {
6
7     public typeSpecifier typeSpec;
8     public String id;
9     public ArrayList<Param> params = null;
10    public CompoundStatement stmt;
11
12    public FunctionDeclaration(typeSpecifier in_type, String in_id, ArrayList<Param> in_params,
CompoundStatement in_stmt) {
13        typeSpec = in_type;
14        id = in_id;
15        params = in_params;
16        stmt = in_stmt;
17    }
18
19    public String print(int indent) {
20        String printStr = "\t".repeat(indent);
21        printStr += typeSpec.name() + " " + id + "()\n";
22        for (Param param : params) {
23            printStr += param.print(indent + 1);
24        }
25        printStr += stmt.print(indent + 1);
26        return printStr;
27    }
28 }
29
```