```
Main
+void main(String[] args);
                GenerateCodeAndWriteToFile
           CodeGenerator
+GenerateCodeAndWriteToFile
 <sup>I</sup>StringBuilder OutputCode、IAccept(new CodeGeneratorVisitor())
        CodeGeneratorVisitor
+outputCode : StringBuilder
+indentationLevel: int
+filesNstuff: Filehandling
+resultVarStack: Stack<Variable>
+astack : Stack<Variable>
+bstack: Stack<Variable>
+unique: int
+String visitBaseASTNode();
+Void visitConstantExpressionNode();
+String inden();
+String functionWithArgs():
+String commaSepExprList();
+String statementBody();
+String printFunction();
+String matrixKernel();
+String makeMatrix();
+String makeVector();
+String complexEntrance();
+String applyBoundsCheck();
+String applySameSizeCheck();
+String makeFillArray();
+String makeFillLoop();
```