

Group - 9

Members:

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Source:C	Target: MIPS 64-bit
Implementation:Python	

Github link: https://github.com/ketanch/Group_9_CS335_Project

Directory Structure:

```
|— docs
|   |— Graph_Automata.txt
|   |— Milestone-3.pdf
|   |— Specification.pdf
|— Makefile
|— README.md
|— src
|   |— classes.py
|   |— lexer.py
|   |— parser.py
|   |— symbolTab.py
|— tests
|   |— test1.c
|   |— test2.c
|   |— test3.c
|   |— test4.c
|   |— test5.c
```

Output of **git show lexer**

commit f03c7f5d791b1372c0489dc464f18c199b608d51 (tag:
semantics, origin/semantics_dev)
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Date: Mon Mar 28 23:23:36 2022 +0530

Added error handling

```
diff --git a/.gitignore b/.gitignore
index c181047..ac49630 100644
--- a/.gitignore
+++ b/.gitignore
@@ -134,4 +134,6 @@ dmypy.json
src/parser.out
src/parsetab.py
tmp
-.vscode
\ No newline at end of file
+.vscode
+graph*
+src/*.dot
\ No newline at end of file
diff --git a/graph1.pdf b/graph1.pdf
deleted file mode 100644
index a82d30e..0000000
Binary files a/graph1.pdf and /dev/null differ
diff --git a/graph1.png b/graph1.png
deleted file mode 100644
index e089e36..0000000
Binary files a/graph1.png and /dev/null differ
diff --git a/src/ast_graph_file.dot b/src/ast_graph_file.dot
```

```
deleted file mode 100644
index 7831e0b..0000000
--- a/src/ast_graph_file.dot
+++ /dev/null
@@ -1,235 +0,0 @@
-digraph DFA {
-    0 [label="function_definition"];
-    1 [label="function_definition_init"];
-    2 [label="type_specifier"];
-    3 [label="int" color=red];
-    4 [label="direct_declarator"];
-    5 [label="main" color=red];
-    6 [label="compound_statement"];
-    7 [label="block_item_list"];
-    8 [label="block_item_list"];
-    9 [label="block_item_list"];
-    10 [label="block_item_list"];
-    11 [label="block_item_list"];
-    12 [label="block_item_list"];
-    13 [label="declaration"];
-    14 [label="type_specifier"];
-    15 [label="int" color=red];
-    16 [label="direct_declarator"];
-    17 [label="k" color=red];
-    18 [label="assignment_expression"];
-    19 [label="primary_expression"];
-    20 [label="k" color=red];
-    21 [label="assignment_operator"];
-    22 [label="=" color=red];
-    23 [label="additive_expression"];
-    24 [label="constant"];
-    25 [label="4" color=red];
```