

CS335 Milestone2

Bhavaj Singla(210265) Devansh Jain(210321) Nitesh Kaushal(210676)

March 2024

1 Tools and Utilities Used

The environment should have flex and bison installed.
The system should also have g++ compiler installed.
in Linux, it can be installed from the command:

```
$sudo apt install flex
```

in Linux, it can be installed from the command:

```
$sudo apt install bison
```

2 Compilation and Execution

First, go to the src directory.
Enter "make" on the command line to make the executable

To generate the 3ac file and the symbol table csv files,
run the command `./parser_exec < <inputfile> "`

3 Output

The symbol tables have been dumped using the following convention:

- For Global Symbol Table: `Global.csv`
- For Functions: `<Function_Name>.csv`
- For Class: `<Class_Name>.csv`
- For Methods in Class: `<Class_Name>.<Method_Name>.csv`

The 3ac code is generated and dumped in the file `3AC.txt`

4 Contribution

- Bhavaj 33%
- Devansh 34%
- Nitesh 33%