

Compiling the compiler-Milestone2

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1 Installing the required files:

Implementation of Lexer and Parser is in Flex and Bison. So install the following if not previously installed-(in Ubuntu)

```
sudo apt-get update
sudo apt-get install flex
sudo apt-get install bison
```

2 Instructions for execution:

The command line options include-

- 1)-i or -input : give the file name from which input is to be read
- 2)-o or -output : File name to which compiler outputs the 3AC
- 3)-v or -verbose : Prints the derivation (parse tree) on the command line
- h or -help : Manual page

Above commands are all optional, By default, input is read from test.py
For compilation-

```
$make
$./prob -i test.py
```

We have also included a header file classes.hpp, for some class declarations
We also used bits/stdc++.h library for our implementation.