# CS335:Milestone1

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## 1. Compilation Instructions

For compilation, follow the steps below:

1. Open a terminal or command prompt.

2. Run the following command:

   - `make`

   This will generate an executable named `parser.exe` within the same folder.

## 2. Execution Instructions

To execute the program, follow these instructions based on your development environment:

- **Ubuntu:**

  1. Open Windows Ubuntu.
  2. Enter the command "cd /path/to/root"
  3. Then the command "./parser -i `<inputfile>` -o `<outputfile.dot>` `-v`"
  4. To get the postscript file, write the command "dot -Tpdf `<outputfile.dot>` -o `<outputfile.pdf>`" which can be further visualised using graphviz.

## 3. Command Line Options

The following command line options have been implemented by us

- `-i :` `The input flag where the input file must be fed.`

- `-o :` `The output flag where the output file must be fed.`

- `-v :` `the verbose option which provides the debugging info in case of any errors in the code.`

- `-h :` `The help option which lists the execution instructions.`