Driver , Makefile and Execution details

1. Driver

- **Your driver must have the following choices**

  Press option for the defined task

    1 : for printing the token list (on the console) generated by the lexer.

      Each token appears in a new line alongwith the corresponding lexeme.

    2 : for parsing to verify the syntactic correctness of the input source code

      and to produce parse tree

    3 : for creating the abstract syntax tree and printing it appropriately

  Perform actions appropriately by invoking appropriate functions.

2. Compilation:

The name of the make file should be **makefile** only as I will avoid using -f option always to make your file named something else (that includes searching for the file which is time taking).

The evaluation of your code will be done using gcc (GCC) 4.1.2 version. Please ensure compatibility. [Your code should compile with the gcc available at 'prithvi' server. Use your authorized 'prithvi' logins and ensure compatibility]

3. Execution

i. **The command line argument for execution of the driver should be as follows, for example**

   $./stage1exe   testcase.txt   parsetreeOutFile.txt   astOutFile.txt

  where stage1exe is the executable generated after linking all the files (your makefile should be absolutely correct). Also,

i. **The testcase.txt is the sourcecode file in the given language to be analyzed.**
ii. **The parsetreeOutFile.txt is the file containing parse tree printed as per the format specified on interface requirements page.**

iii.   **The astOutFile.txt is the file containing abstract Syntax tree.**