8/11/21        Cycle 2 : Expt 5        MDL18CS06C

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### Aim :

To convert the BNF rules ~~to recognize~~ CS7B

~~a valid variable which~~ into YACC form and    Roll No : 31

write code to generate abstract syntax tree.

### Algorithm :

1.   Step 1 : Start
2.   Step 2 : Include the header file.
3.   Step 3 : In the lex file, declare the no as integer and assign it to be equal to '1'.
4.   Step 4 : Start the int flex with declarative section.
5.   Step 5 : In translation rules define keywords, data types and integer along with their actions -
6.   Step 6 : Start the main block. In main block check the statement.
7.   Step 7 : 1. declarative 2. assignment 3. conditional 4. if and else 5. while assignment.
8.   Step 8 : Perform the actions of that particular block.
9.   Step 9 : In main program declare the parameter arg c as int and *argv [] as char.
10.   Step 10 : In main program open file in read mode.
11.   PS Step 11 : Print the output in a file.

### Result :

Output was obtained successfully.