

Group 30

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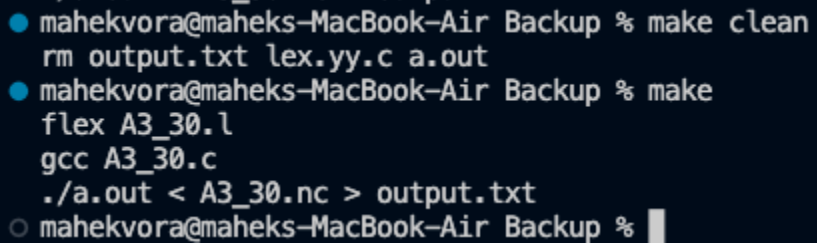
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Commands to run the code:

Using makefile:

make clean

make

A terminal window with a dark background and light blue text. It shows the execution of a makefile. The first command is 'make clean', which removes 'output.txt', 'lex.yy.c', and 'a.out'. The second command is 'make', which runs 'flex A3_30.l', 'gcc A3_30.c', and './a.out < A3_30.nc > output.txt'. The prompt is 'mahekvora@maheks-MacBook-Air Backup %'.

```
mahekvora@maheks-MacBook-Air Backup % make clean  
rm output.txt lex.yy.c a.out  
mahekvora@maheks-MacBook-Air Backup % make  
flex A3_30.l  
gcc A3_30.c  
./a.out < A3_30.nc > output.txt  
mahekvora@maheks-MacBook-Air Backup %
```

Without makefile:

flex A3_30.l

gcc A3_30.c

./a.out < A3_30.nc > output.txt

The given test file is a version of ternary search written in nanoC.

The code tries to cover most of the token types.

The character constant is used as an indicator variable. readInt, printInt and printStr functions of nanoC have been used.