

The scanner can print tokens including delimiters, a few operators, keywords, integers, floating-point constants, scientific notations and strings, and it'll also print lines. You can switch the Source, Token, Statistic options as well.

Source option: list each line along with a line number.

Token option: print each token on a separate line, surrounded by angle brackets.

Statistic option: print the statistical information of the identifiers frequencies.

The platform to run my scanner: Linux workstation of CS, Ubuntu or other Linux Systems

To run my scanner:

```
% make
```

```
% ./scanner [input file]
```

Or you can

```
% lex 0516021.l
```

```
% gcc -o scanner lex.yy.c -lfl
```

```
% ./scanner [input file]
```