

lex.l Practical-3/lex.l

```
1
2  %{
3      #include <stdio.h>                                //Ayush Mahajan
4      int count = 0;                                     //23070521027
5  %}
6
7  %%
8  [Aa][a-zA-Z]* {count ++;}
9  [a-zA-Z]+ {/*Ignore rest of the word*/}
10 .|\n {/* ignore other characters */}
11 %%
12
13 int main(){
14     yylex();
15     printf("Number of words staring with `A` or `a`: %d\n", count);
16     return 0;
17 }
18
19 int yywrap(){
20     return 1;
21 }
```

- zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-3\$ flex lex.l
- zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-3\$ gcc lex.yy.c -o count -ll
- zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-3\$ ls
count lex.l lex.yy.c
- zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-3\$./count
and then he waddled away afar
Number of words staring with `A` or `a`: 3
- ❖ zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-3\$ █