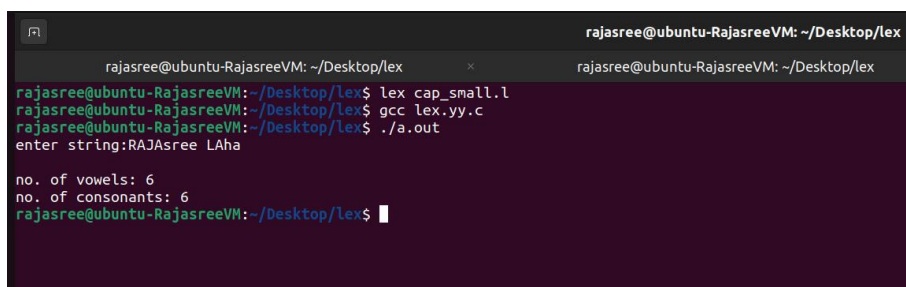


Q.2>>Write a lex prog/code to count the no. Of capital & small letters in a string.

```
% {  
  
int c=0,s=0;  
  
% }  
  
%%  
  
[A-Z] {c++;}  
  
[a-z] {s++;}  
  
%%  
  
int main()  
{  
  
printf("enter string:");  
  
yylex();  
  
printf("no. of vowels: %d\n",c);  
  
printf("no. of consonants: %d\n",s);  
  
return 0;  
  
}  
  
int yywrap()  
{  
  
return 1;  
  
}
```



```
rajasree@ubuntu-RajasreeVM: ~/Desktop/lex  
rajasree@ubuntu-RajasreeVM: ~/Desktop/lex$ lex cap_small.l  
rajasree@ubuntu-RajasreeVM: ~/Desktop/lex$ gcc lex.yy.c  
rajasree@ubuntu-RajasreeVM: ~/Desktop/lex$ ./a.out  
enter string:RAJAsree LAHa  
  
no. of vowels: 6  
no. of consonants: 6  
rajasree@ubuntu-RajasreeVM: ~/Desktop/lex$
```

