**PROGRAM : 3**

**Question: Write a lex code for Count the total number of valid strings.**

**Code:**

%{

#include<stdio.h>

int sCount =0;

%}

%%

[a-zA-Z]+ {sCount++;printf("%s is a word\n",yytext);}

. ;

%%

int yywrap(){return 1;}

int main(){

printf("Enter String: ");

yylex();

printf("No.of valid Strings : %d\n", sCount);

return 0;

}

**Output:**

soumyadip@SOUMYADIP:~/Compiler Design$ flex CountString.l

soumyadip@SOUMYADIP:~/Compiler Design$ gcc -o CountString lex.yy.c -lfl

soumyadip@SOUMYADIP:~/Compiler Design$ ./CountString

Enter String: Hi I am Soumyadip Barik

Hi is a word

I is a word

am is a word

Soumyadip is a word

Barik is a word

No.of valid Strings : 5