/\*\*\* Definition Section has one variable

which can be accessed inside yylex()

and main() \*\*\*/

%{

int count = 0;

%}

/\*\*\* Rule Section has three rules, first rule

matches with capital letters, second rule

matches with any character except newline and

third rule does not take input after the enter\*\*\*/

%%

[A-Z] {printf("%s capital letter\n", yytext);

count++;}

. {printf("%s not a capital letter\n", yytext);}

\n {return 0;}

%%

/\*\*\* Code Section prints the number of

capital letter present in the given input\*\*\*/

int yywrap(){}

int main(){

// Explanation:

// yywrap() - wraps the above rule section

/\* yyin - takes the file pointer

which contains the input\*/

/\* yylex() - this is the main flex function

which runs the Rule Section\*/

// yytext is the text in the buffer

// Uncomment the lines below

// to take input from file

// FILE \*fp;

// char filename[50];

// printf("Enter the filename: \n");

// scanf("%s",filename);

// fp = fopen(filename,"r");

// yyin = fp;

yylex();

printf("\nNumber of Capital letters "

"in the given input - %d\n", count);

return 0;

}