**Assignment 12**

**Code:**

%{

#include <stdio.h>

%}

%%

^[a-zA-Z][a-zA-Z0-9\_.-]@[a-zA-Z][a-zA-Z0-9\_-]\.[a-zA-Z]{2,}(\.[a-zA-Z]{2,})?$ {

printf("Valid email address: %s\n", yytext);

}

^[^\n]+$ {

printf("Invalid email address: %s\n", yytext);

}

\n {

// Ignore newline characters

}

%%

int main() {

printf("Enter an email address:\n");

yylex();

return 0;

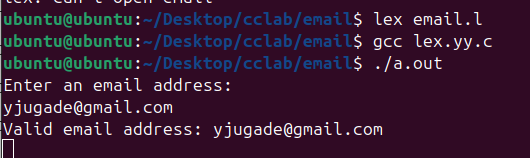
}

int yywrap() {

return 1;

}

**Output:**

****