**Exp. No. 29**

Write a LEX Program to convert the substring abc to ABC from the given input string

**Program: (substring.l)**

%{

int i;

%}

%%

[a-z A-Z]\* { for(i=0;i<=yyleng;i++)

{ if((yytext[i]=='a')&&(yytext[i+1]=='b')&&(yytext[i+2]=='c'))

{ yytext[i]='A';

yytext[i+1]='B';

yytext[i+2]='C';

}

}

printf("%s",yytext);

}

[\t]\* return 1;

.\* {ECHO;}

\n {printf("%s",yytext);}

%%

int main()

{

yylex();

}

int yywrap()

{

return 1;

}

**Output:**

G:\lex>flex substring.l

G:\lex>gcc lex.yy.c

G:\lex>a.exe

abcdefghabcijkla

ABCdefghABCijkla

G:\lex>

