**Exp. No. 28**

Write a LEX program to recognise numbers and words in a statement.

**Program: (numbers\_words.l)**

%%

[\t ]+ ;

[0-9]+|[0-9]\*\.[0-9]+ { printf("\n%s is NUMBER", yytext);}

#.\* { printf("\n%s is COMMENT", yytext);}

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

\n { ECHO;}

%%

int main()

{

while( yylex());

}

int yywrap( )

{

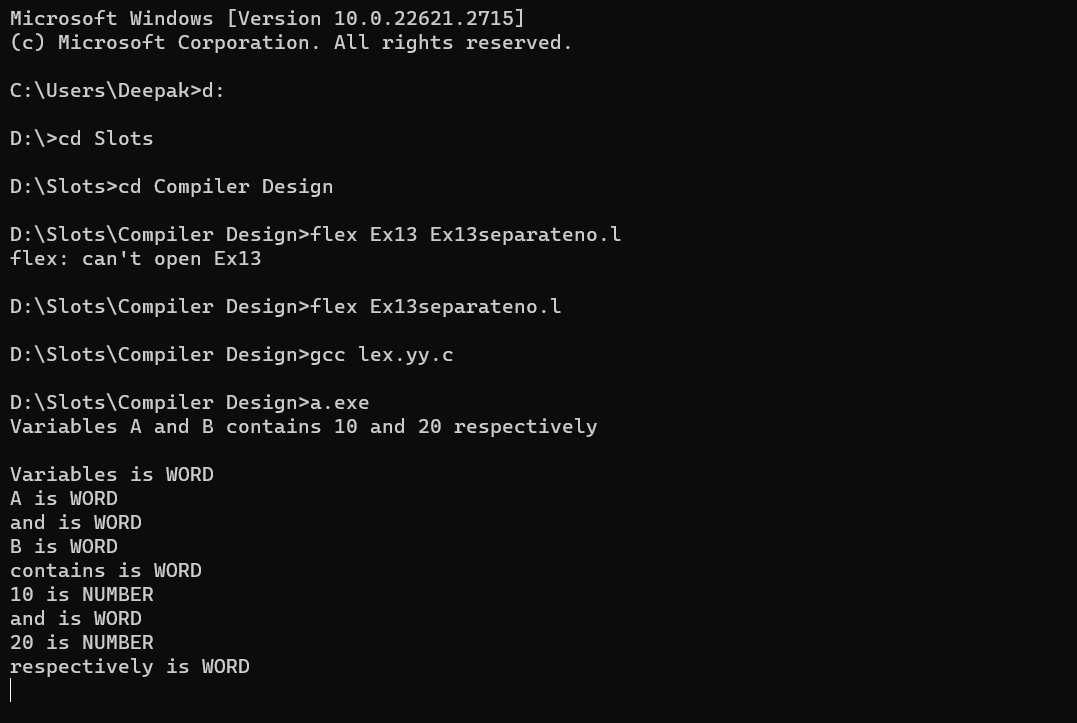
return 1;

}

**INPUT:**

Variables A and B contains 10 and 20 respectively

**OUTPUT:**

****