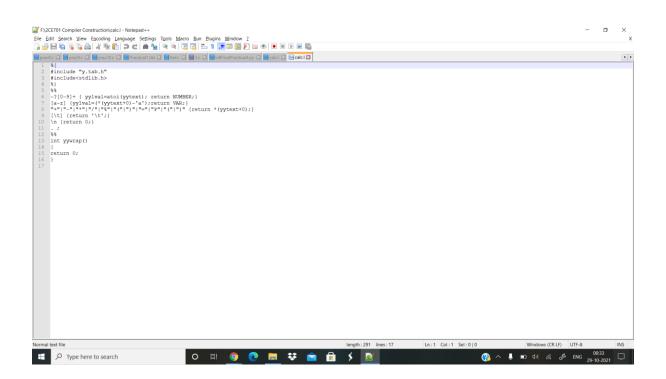
## Practical 5

## Aim: to implement calculator in YACC

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```
- o ×
%{
    #include<stdio.h>
    int symbol [26];
    %}
    *token NUMBER
    *token VAR
    *left '+' '.'
    *left '*' '/' '%'
    *%
 TERM: NUMBER {$$=$1;}
| VAR {$$=symbol[$1];}
 while(1)
yyparse();
return 0;
 30 return 0;
31 }
32 int yyerror(char *c)
33 {
   printf("Invalid E:
   return 0;
36 }
37
      printf("Invalid Expression\n");
return 0;
   nal text file
                                                                                       length: 551 lines: 37
                                                                                                            Ln:1 Col:1 Sel:0|0
                                                                                                                                         Windows (CR LF) UTF-8
                                          O H 🕠 💽 🔚 😻 📹 🔒 🗲
```



```
C:\Dev-Cpp\MinGW64\bin>bison -dy calc.y
conflicts: 10 shift/reduce
C:\Dev-Cpp\MinGW64\bin>flex calc.l
C:\Dev-Cpp\MinGW64\bin>gcc y.tab.c lex.yy.c
C:\Dev-Cpp\MinGW64\bin>a.exe
a=15
b=6
c=10
P a
15
P a*b+c
100
^C
C:\Dev-Cpp\MinGW64\bin>
```