

E:\Mohnish Devara\College\Semesters\VI Sem\Compiler Design Lab\Lab Exercises\Exercises\4. Use LEX and YACC tool to implement Desktop Calculator\File1 - EditPP

File Edit View Search Document Project Tools Browser ZC Window Help

Directory C:\texmf\... C:\ C:\ Flex Windows EditPlusPortable.exe EditPlusPortable.ini

```
1 {
2 #include<stdio.h>
3 #include<math.h>
4 void yyerror(char *s);
5 extern int yylval;
6 %}
7 %token INT
8 [0-9]+ {yylval=atoi(yytext); return INT;}
9 [a-z] {yylval=tolower(*yytext)-97; return ID;}
10 [A-Z] {yylval=toupper(*yytext)-65; return ID;}
11 [-+*/\n] {return *yytext;}
12 \{
13 \}
14 %}
15 %error "Invalid Token!"
16 %}
17 int yywrap()
18 {
19 return 1;
20 }
21
```

Lex+Yacc Build -----  
Output completed (0 sec consumed) - Normal Termination

All Files (\*.\*)

File

For Help, press F1

ln 17 col 5 21 79 PC ANSI

E:\Mohnish Devara\College\Semesters\VI Sem\Compiler Design Lab\Lab Exercises\Exercises\4. Use LEX and YACC tool to implement Desktop Calculator\File1 - EditPP

File Edit View Search Document Project Tools Browser ZC Window Help

Directory C:\texmf\... C:\ C:\ Flex Windows EditPlusPortable.exe EditPlusPortable.ini

```
1 {
2 #include<stdio.h>
3 extern int yywrap(void);
4 void yyerror(char *s);
5 int x=0;
6 int val[2];
7 %}
8 %token INT ID
9 %}
10 mohnish:
11 mohnish expr '\n' (x=0; printf("%d\n",x);)
12 mohnish ID '=' expr '\n' (val[0]=4;);
13 ;
14 ;
15 %}
16 %}
17 %}
18 %}
19 %}
20 %}
21 %}
22 %}
23 %}
24 %}
25 %}
26 %}
27 %}
28 %}
29 %}
30 %}
31 %}
32 %}
33 %}
34 %}
35 %}
36 void yyerror(char *s)
37 {
38 printf("%s",s);
39 }
40 int main()
41 {
42
```

Lex+Yacc Build -----  
Output completed (0 sec consumed) - Normal Termination

All Files (\*.\*)

File

For Help, press F1

ln 22 col 3 46 00 PC ANSI

```
E:\Mohnish Devaraj\College\Semesters\VI Sem\Compiler Design Lab\Lab Exercises\Exercises\4. Use LEX and YACC tool to implement ...  
2+5+6*8/5  
16  
23+23-23*56/85  
31
```