pr40.l - Notepad

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```
%{
#undef yywrap
#define yywrap() 1
int f1=0,f2=0;
char oper;
float op1=0,op2=0,ans=0;
void eval();
%}

DIGIT [0-9]
NUM {DIGIT}+(\.{DIGIT}+)?
OP [*/+-]

%%

{NUM} {
        if(f1==0)
        {
                op1=atof(yytext);
                f1=1;
        }

        else if(f2==-1)
        {
                op2=atof(yytext);
                f2=1;
        }

        if((f1==1) && (f2==1))
        {
                eval();
                f1=0;
                f2=0;

        }
}

{OP} {
        oper=(char) *yytext;
        f2=-1;
}

[\n] {
```

Ln 20, Col 8          100%     Windows

cmd - a.exe

```
C:\Users\ASUS>set path=C:\Program Files (x86)\GnuWin32\bin

C:\Users\ASUS>flex pr40.l

C:\Users\ASUS>set path=C:\MinGW\bin

C:\Users\ASUS>gcc lex.yy.c

C:\Users\ASUS>a.exe
50*50
The answer is = 2500.000000
```