

```
rschwarzkopf@lap118a53:~/CS_370/lab2/lab22> ls
lab22.1 lab22.y Makefile
rschwarzkopf@lap118a53:~/CS_370/lab2/lab22> make
yacc -d lab22.y
lex lab22.1
gcc y.tab.c -o lab22
rschwarzkopf@lap118a53:~/CS_370/lab2/lab22> ls
lab22 lab22.1 lab22.y lex.yy.c Makefile y.tab.c y.tab.h
rschwarzkopf@lap118a53:~/CS_370/lab2/lab22> ./lab22
5*2
Digit found
found an integer
return a token *
Digit found
found an integer
carriage return

the answer is 10
5+-2
Digit found
found an integer
return a token +
return a token -
Digit found
found an integer
carriage return

the answer is 3
4+(5*3)
Digit found
found an integer
return a token +
return a token (
Digit found
found an integer
return a token *
Digit found
found an integer
return a token )
carriage return

the answer is 19
(4+5)*3
return a token (
Digit found
found an integer
return a token +
Digit found
found an integer
return a token )
return a token *
Digit found
found an integer
carriage return

the answer is 27
█
```