OPERATOR PRECEDENCE GRAMMAR

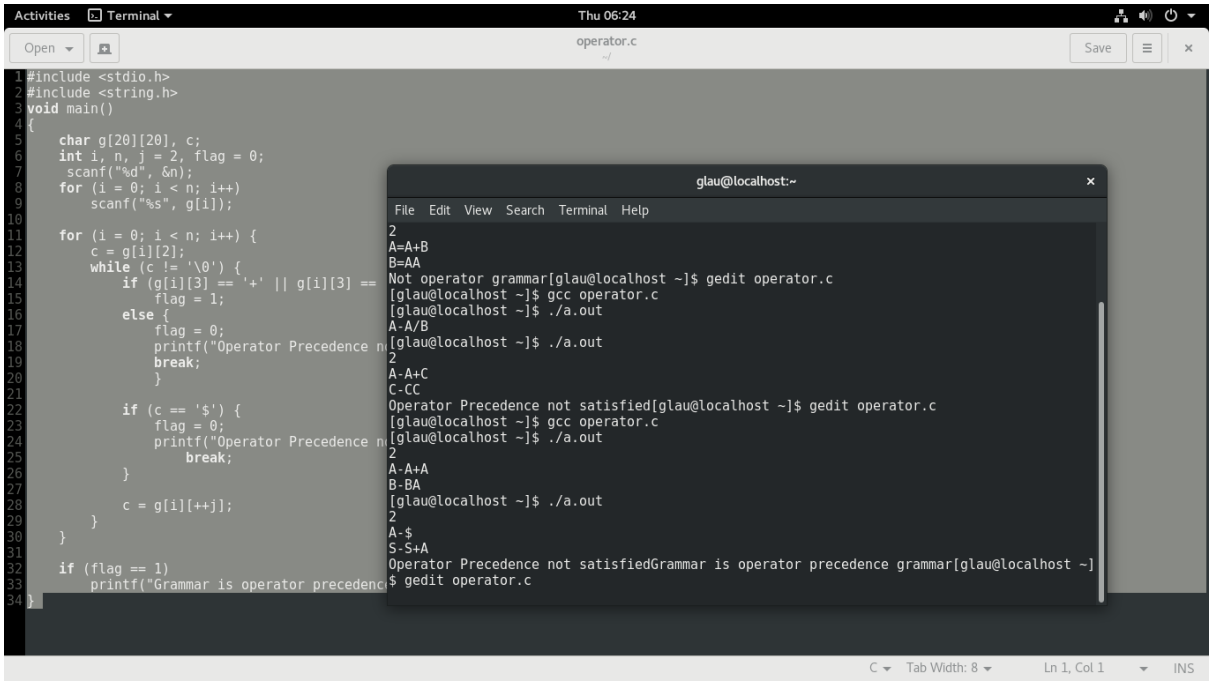
```
#include <stdio.h>
#include <string.h>
void main()
{
    char g[20][20], c;
    int i, n, j = 2, flag = 0;
     scanf("%d", &n);
    for (i = 0; i < n; i++)
        scanf("%s", g[i]);

    for (i = 0; i < n; i++) {
        c = g[i][2];
        while (c != '\0') {
            if (g[i][3] == '+' || g[i][3] == '-'|| g[i][3] == '*' || g[i][3] == '/')
                flag = 1;
            else {
                flag = 0;
                printf("Operator Precedence not satisfied");
                break;
                }

            if (c == '$') {
                flag = 0;
                printf("Operator Precedence not satisfied");
                    break;
            }

            c = g[i][++j];
        }
    }

    if (flag == 1)
        printf("Grammar is operator precedence grammar");
```


Activities
Terminal
Thu 06:24
Open
operator.c
~/
Save
#include <stdio.h>
#include <string.h>
void main()
{
char g[20][20], c;
int i, n, j = 2, flag = 0;
scanf("%d", &n);
for (i = 0; i < n; i++)
scanf("%s", g[i]);
for (i = 0; i < n; i++) {
c = g[i][2];
while (c != '\0') {
if (g[i][3] == '+' || g[i][3] ==
flag = 1;
else {
flag = 0;
printf("Operator Precedence n
break;
}
if (c == '$') {
flag = 0;
printf("Operator Precedence n
break;
}
c = g[i][++j];
}
}
if (flag == 1)
printf("Grammar is operator precedenc
}
glau@localhost:~
File Edit View Search Terminal Help
2
A=A+B
B=AA
Not operator grammar[glau@localhost ~]$ gedit operator.c
[glau@localhost ~]$ gcc operator.c
[glau@localhost ~]$ ./a.out
A-A/B
[glau@localhost ~]$ ./a.out
2
A-A+C
C-CC
Operator Precedence not satisfied[glau@localhost ~]$ gedit operator.c
[glau@localhost ~]$ gcc operator.c
[glau@localhost ~]$ ./a.out
2
A-A+A
B-BA
[glau@localhost ~]$ ./a.out
2
A-$
S-S+A
Operator Precedence not satisfiedGrammar is operator precedence grammar[glau@localhost ~]
$ gedit operator.c
C
Tab Width: 8
Ln 1, Col 1
INS