

C:\Users\asus\Desktop\postfix.c - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

postfix.c [*] Untitled1

```
28 }
29 }
30 void infix_postfix(char infix[]) {
31     int top, j, i;
32     char s[30], postfix[30];
33     char symbol;
34     top = -1;
35     s[++top] = '#';
36     j = 0;
37     for (i = 0; i < strlen(infix); i++) {
38         symbol = infix[i];
39
40         while (F(s[top]) > G(symbol)) {
41             postfix[j] = s[top--];
42             j++;
43         }
44         if (F(s[top]) != G(symbol)) {
45             s[++top] = symbol;
46         }
47         else
48             top--;
49     }
50     while (s[top] != '#') {
51         postfix[j++] = s[top--];
52     }
53     postfix[j] = '\0';
54     puts(postfix);
55 }
56 int main()
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asus\Desktop\postfix.exe
- Output Size: 129.6650390625 KiB
- Compilation Time: 0.69s

Line: 41 Col: 14 Sel: 0 Lines: 63 Length: 1229 Insert Done parsing in 0.187 seconds

Type here to search

ENG 1:05 PM
IN 9/30/2020

postfix.c [Untitled1]

```
36     j = 0;
37     for (i = 0; i < strlen(infix); i++) {
38         symbol = infix[i];
39
40         while (F(s[top]) > G(symbol)) {
41             postfix[j] = s[top--];
42             j++;
43         }
44         if (F(s[top]) != G(symbol)) {
45             s[++top] = symbol;
46         }
47         else
48             top--;
49     }
50     while (s[top] != '#') {
51         postfix[j++] = s[top--];
52     }
53     postfix[j] = '\0';
54     puts(postfix);
55 }
56 int main()
57 {
58     char exp[30];
59     printf("enter a expression: \n");
60     gets(exp);
61     infix_postfix(exp);
62     return 0;
63 }
```

 Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asus\Desktop\postfix.exe
- Output Size: 129.6650390625 KiB
- Compilation Time: 0.69s
```

Line: 41 Col: 14 Sel: 0 Lines: 63 Length: 1229 Insert Done parsing in 0.187 seconds

Type here to search

ENG 1:05 PM
IN 9/30/2020

C:\Users\asus\Desktop\postfix.exe

enter a expression:

$((a+b)*c-(d-e))^{(f/g)}$

ab+c*de--fg/^

Process exited after 37.25 seconds with return value 0

Press any key to continue . . .

Type here to search



ENG 1:07 PM
IN 9/30/2020

