

LAB 2.c - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

<global>

Management

Projects Files FSymbols

Workspace

```
1 #include <stdio.h>
2 #include <string.h>
3
4 char infix[100], stack[100], postfix[100];
5 int top = -1;
6
7 void push(char ch) {
8     stack[++top] = ch;
9 }
10
11 char pop() {
12     return stack[top--];
13 }
14
15 int precedence(char op) {
16     switch (op) {
17         case '^': return 3;
18         case '*':
19         case '/': return 2;
20         case '+':
21         case '-': return 1;
22         default: return 0;
23     }
24 }
25
26 void infixToPostfix()
27 {
28     int i = 0, j = 0;
29     push('#');
30
31     while (infix[i] != '\0')
32     {
33         char symbol = infix[i];
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info Closed files list Thread search

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

Activate Windows
Go to Settings to activate Windows.

C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 2, Pos 1 Insert Read/Write default

C:\Users\Admin\Desktop\1BM24CS164\LAB 2.c

Type here to search

22°C Cloudy 11:41.09 AM 29-09-2025

LAB 2.c - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

<global>

Management

Projects Files FSymbols

Workspace

```
34
35     if (symbol == '(')
36     {
37         push(symbol);
38     }
39     else if (symbol == ')')
40     {
41         char temp = pop();
42         while (temp != '(')
43         {
44             postfix[j++] = temp;
45             temp = pop();
46         }
47     }
48     else if (symbol == '+' || symbol == '-' || symbol == '*' || symbol == '/' || symbol == '^')
49     {
50         while (precedence(stack[top]) >= precedence(symbol))
51         {
52             postfix[j++] = pop();
53         }
54         push(symbol);
55     }
56     else
57     {
58         postfix[j++] = symbol;
59     }
60
61     i++;
62 }
63
64 while (stack[top] != '#')
65 {
66     postfix[j++] = pop();
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info Closed files list Thread search

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

Activate Windows
Go to Settings to activate Windows.

C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 2, Pos 1 Insert Read/Write default

C:\Users\Admin\Desktop\1BM24CS164\LAB 2.c

Type here to search

22°C Cloudy 11.41.30 AM 29-09-2025

LAB 2.c - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

<global>

Management

Projects Files FSymbols

Workspace

```
51 {
52     postfix[j++] = pop();
53 }
54 push(symbol);
55 }
56 else
57 {
58     postfix[j++] = symbol;
59 }
60
61 i++;
62 }
63
64 while (stack[top] != '#')
65 {
66     postfix[j++] = pop();
67 }
68
69 postfix[j] = '\0';
70 }
71
72 int main()
73 {
74     printf("Enter a infix expression:\n");
75     scanf("%s", infix);
76
77     infixToPostfix();
78
79     printf("Postfix expression:\n%s\n", postfix);
80
81     return 0;
82 }
83
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info Closed files list Thread search

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

Activate Windows
Go to Settings to activate Windows.

C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 2, Pos 1 Insert Read/Write default

C:\Users\Admin\Desktop\1BM24C5164\LAB 2.c

Type here to search

22°C Cloudy 11.41.43 AM 29-09-2025

"C:\Users\Admin\Desktop\1BM24CS164\LAB 2.exe"

Enter a infix expression:

A+B*C-D/E*H

Postfix expression:

ABC*+DE/H*-

Process returned 0 (0x0) execution time : 32.789 s

Press any key to continue.

Activate Windows
Go to Settings to activate Windows.



Type here to search



22°C Cloudy



11:41:56 AM
29-09-2025

