

C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

Untitled1.cpp

```
1 #include <stdio.h>
2 #include <ctype.h>
3 char stack[100];
4 int top = -1;
5 void push(char c) { stack[++top] = c; }
6 char pop() { return stack[top--]; }
7 char peek() { return stack[top]; }
8 int prec(char op) {
9     if(op == '^') return 3;
10    if(op == '*' || op == '/') return 2;
11    if(op == '+' || op == '-') return 1;
12    return 0;
13 }
14 void infixToPostfix(char* exp) {
15     for (int i = 0; exp[i]; i++) {
16         char c = exp[i];
17         if (isalnum(c)) printf("%c", c);
18         else if (c == '(') push(c);
19         else if (c == ')') {
20             while (peek() != '(') printf("%c", pop());
21             pop();
22         } else {
23             while (top != -1 && prec(c) <= prec(peek()))
24                 printf("%c", pop());
25             push(c);
26         }
27     }
28     while (top != -1) printf("%c", pop());
29 }
30 int main() {
31     char expr[] = "a+b*(c-d)";
32     printf("Postfix: ");
33     infixToPostfix(expr);
34     return 0;
35 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Output Filename: C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.exe
Output Size: 129.9189453125 KiB
Compilation Time: 0.38s

Shorten compiler paths

Line: 35 Col: 2 Sel: 0 Lines: 35 Length: 938 Insert Done parsing in 0.031 sec

C:\Users\Deekshitha Reddy\O x + v

Postfix: abcd-*+

Process exited after 0.5455 seconds with return value 0
Press any key to continue . . . |

15:25
02-07-2025