

\*Infix.c - Code::Blocks 20.03

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```
1 #include <stdio.h>
2 #include <string.h>
3 #include <ctype.h>
4
5 #define MAX 100
6 int indexx = 0, pos = 0, top = -1, length;
7 char symbol, temp, infix[MAX], postfix[MAX], stack[MAX];
8 void infixToPostfix();
9 void push(char symbol);
10 char pop();
11 int pred(char symbol);
12
13 int main()
14 {
15     printf("Enter the infix expression: ");
16     scanf("%s", infix);
17     infixToPostfix();
18     printf("Postfix expression: %s\n", postfix);
19     return 0;
20 }
21
22 void infixToPostfix()
23 {
24     length = strlen(infix);
25     push('#');
26     while (indexx < length)
27     {
28         symbol = infix[indexx];
29
30         switch (symbol)
31         {
32             case '(':
33                 push(symbol);
34                 break;
35
36             case ')':
37                 temp = pop();
38                 while (temp != '(')
39                 {
40                     postfix[pos++] = temp;
41                     temp = pop();
42                 }
43                 break;
44             case '+':
45             case '-':
46             case '*':
47             case '/':
```

C:\Users\STUDENT\Downloads\CRC\Infix.c

C/C++ Windows (CR-LF) WINDOWS-1252 Line 78, Col 3, Pos 1532 Insert Modified Read/Write default

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