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1  #include<stdio.h>
2  #include<stdlib.h>
3  int top=-1,y=1;
4  char stack[20];
5  void push(char x){
6      stack[++top]=x; }
7  int pop(){
8      if (top== -1)
9          return -1;
10     else
11         return stack[top--];
12 }
13 int pri(char x){
14     if (x=='(')
15         return 0;
16     else if (x=='+' || x=='-')
17         return 1;
18     else if (x=='*' || x=='/')
19         return 2;
20 }
21 void main() {
22     system("clear");
23     while(y){
24         char exp[20],*e,c;
25         puts("Enter the expression");
26         scanf("%s",exp);
27         e=exp;
28         while(*e!='\0') {
29             if(isalnum(*e))
30                 printf("%c",*e);
31             else if(*e=='(')
32                 push(*e);
33             else if(*e==')') {
34                 while((c=pop())!='(')
35                     printf("%c",c);
36             }
37             else{
38                 while((pri(stack[top]))>=(pri(*e)))
39                     printf("%c",pop());
40                 push(*e);
41             }
42             e++;
43         }
44         while(top!=-1){
45             printf("%c",pop());
46         }
47         puts("\n\nDo u wnt 2 cntnue?[1-yes][0-no]");
48         scanf("%d",&y);
49     }
50 }
```