#include <stdio.h>

#include <ctype.h>

#include <string.h>

char stk[20];

int top = -1;

int priority(char ch) {

}

int push(char ch) {

}

char pop() {

}

int main() {

char infix[20], postfix[20], ch;

int i, j, l;

printf("\nEnter the string Expression :");

scanf("%s", infix);

l = strlen(infix);

for (i = 0, j = 0; i < l; i++) {

if (isalpha(infix[i])) {

postfix[j++] = infix[i];

} else {

if (infix[i] == '(') {

push(infix[i]);

} else if (infix[i] == ')') {

while ((ch = pop()) != '(') {

postfix[j++] = ch;

}

} else {

while (priority(infix[i]) <= priority(stk[top])) {

postfix[j++] = pop();

}

push(infix[i]);

}

}

}

while (top != -1) {

postfix[j++] = pop();

}

postfix[j] = '\0';

printf("\nEquivalent infix to postfix is: %s", postfix);

getchar();

return 0;

}

