

```

43     push('#');
44     while((ch= infix[i++]) != '\0')
45     {
46         if(ch=='(') push(ch);
47         else
48             if(isalnum(ch)) postfix[k++]=ch;
49         else
50             if (ch==')')
51             {
52                 while(stack[top] != '(')
53                     postfix[k++]=pop();
54                 elem=pop();
55             }
56         else
57         {
58             while(pr(stack[top])>=pr(ch))
59                 postfix[k++]=pop();
60             push(ch);
61         }
62     }
63     while (stack[top]!='#')
64         postfix[k++]=pop();
65     postfix[k]='\0';
66     printf("\nPostfix Expression =%s\n",postfix);
67 }
68

```

main.c:14:1: warning: return type defaults to 'int' [-Wimplicit-int]

Enter the INFIX expression

(2+3)*9

Postfix Expression =23+9*

...Program finished with exit code 0


```

41 printf("Enter the INFIX expression\n");
42 scanf("%s",infix);
43 push('#');
44 while((ch=infix[i++]) != '\0')
45 {
46     if(ch=='(') push(ch);
47     else
48         if(isalnum(ch)) postfix[k++]=ch;
49     else
50         if (ch==')')
51         {
52             while(stack[top] != '(')
53                 postfix[k++]=pop();
54             elem=pop();
55         }
56     else
57     {
58         while(pr(stack[top])>=pr(ch))
59             postfix[k++]=pop();
60     }

```

Enter the INFIX expression
(5*6)+7

Postfix Expression =56*7+

...Program finished with exit code 0
Press ENTER to exit console.