```
# include 25tdio.h.s
 # include 25+dlib.h.
 ## unclude 2 process. h.s.
int F (chan symbol)
   Switch (symbol)
Case .
    Case : vietous 2;
     Cabl '+':
     Case / : outwer 4;
     Case ' n': oretween 5
    case 's': eretwino;
     Cabl '#' : seetwan - 1;
     defaut : vulver 8;
    unt Cy (char bymbol)
       builth (symbol)
       Casi'-': vietur I;
       Cash y':
       Case / : oution 3;
```

```
Cake in.
                    and where while
Case 's' vieture 6;
                   in section of delites
 Care (: outwo 9;
 Case .) ": veturo o;
 rolefault: rection 7;
Void wifix- postfix [ chan unfix [], chan postfix[]
    unt top, i, j;
                  ass freedown 1;
    Char 5 [30]. Symbol;
     top ==-1; committee to see
     5 [ top ++] = # ; will be " H
      j=0
for (i=0; i zstrlen (infin); i++)
        postin [i]=15,[top--];
       y

If (F(5[top])!=9(Symbol))
            S[++top] = fymbol;
          else top
```

Cuhile (5 [top]! = "#") postfix [j++] = S[top--] Void main () a chase unfix [20]; char postfiz [20]; (lrscr(); point f l'Enter the Vaid unfire expousion Scan f ("1.5", infine); unfire-postfire (unfire, postfire), pourt ("The postfix expression is/n'); pount ("1.5 n", postfix); get ch()

```
\Leftrightarrow \Rightarrow \underline{\angle} \stackrel{\scriptscriptstyle \bullet}{\oplus} \text{ And } .* \stackrel{\scriptscriptstyle \bullet}{\models} \lozenge \mid \Box \mid \underline{\boxtimes} \mid \Box \mid \Box \Box \Box \mid \underline{\bigcirc} \triangleleft \bigcirc | S C | \underline{|}|
                                                                                                                                                                              ~ 3 d
main.c ×
             1
                        #include<stdio.h>
            2
3
4
5
6
7
8
9
                        #include<string.h>
                       int F(char symbol)
                                    switch (symbol)
                                           case '+':
case '-':return 2;
case '*':
                                           case '/':return 4;
          10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
                                           case '$':return 5;
case '(':return 0;
case '#': return -1;
default : return 8;
                    int G(char symbol)
                                  switch (symbol)
                                  case '+':
case '-':return 1;
case '*':
```

Enter the valid infix expression a*b*-d*e/f/(g+h)
The postfix expression is ab^c*d-ef/gh+/+

Process returned 0 (0x0) execution time: 34.247 s

Press any key to continue.

