```
#include<stdio.h>
11
12
    int F(char symbol)
13
14
         switch(symbol)
15
             case '-':return 2;
17
18
              case '*':
              case '/':return 4;
19
              case I'^':
case '$':return 5;
20
 21
              case '(':return 0;
 22
              case '#':return -1;
 23
              default :return 8;
 24
      int G(char symbol)
 27
  28 - {
          switch(symbol)
  29
  30 -
               case '+':
  31
               case '-':return 1;
  32
```

```
case '+':
case '-':return 1;
case '*':
case '/':return 3;
case '^:
case '$':return 6;
case '(':return 9;
case ')':return 0;
default :return 7;
32
33
34
35
36
37
38
39
40
41
42
43
44
45
                                    I
        void infix_postfix(char infix[],char postfix[])
                  int top,i,j;
char s[30],symbol;
                  top=-1;
                 s[++top]='#';
j=0;
for(i=0;i<strlen(infix);i++)</pre>
48
49
50
51
                           symbol=infix[i];
while (F(s[top])>G(symbol))
53
 54
 55
                                    postfix[j]=s[top--];
j++;
 56
                  }
```

