```
IBM19CS143
                                 Sanniani K.
                                  bride
Il Program to donnet la given varid parenthesized infix authmetic enp. to postfix exp.
#include (staio, h)
# include (stalib. h)
# include Letting. h)
unt F (chave symbol) {
Suritch (symbol) &
'lase' +' ;"
Mare'-': Metern 2;
uase 'x'.
lase'/': return 4;
dase ' 1' :
van't! utun 5;
vase # : return - 1;
 default : return 0;
 int ( char symbol) ?
 witch (symbol) ?
  rale '-': Wetern 1;
  lase *1.
  lase'/': retrun 3;
  case ' 1':
  lase's': return 6;
vase' (': return 9;
vase')': return 0;
 3 défault: return 7;
```

```
Void virgin portfin (char orgin[], char portfin []){

what top ; i;

whom & [30];
 What symbol;
 &[++ top] = '#';
 for (i=0; ik etalen (infin); itt) {
 Symbol = infix [i];
 white (F[s[top]) > 6 (symbol) {
 poutfin [j] = s [top -- ];
 if (F(s[top])! = 6 (symbol) ?
 stattap ] = hymbol;
 4 postfin [j] = '10';
```

void main () what infix[20], postfix[20];

put c1=0, c2=0;

prints ("Enter the valid infix emp: \"

scarf("olo 2", infix);

for (int k=0; k< strlen(infix); k++) Prints ("Invalid infin supression!");
enit (0);