```
# include <stdio.hs
#include<ctype.h>
# define MAXSTACK 100
# define POSTFIXSIZE 100
 int stack [MAXSTACK);
 int tob=-1;
 void push (int i-tim)
      if (top) = MAXSTACK-1) &
         printf ("stack over flow");
         Return;
       else (
          top = tap+1;
          Stack [+0fp] = item;
  int bob()
    int item;
     it (top<0) R
         beint (" stack under flow");
     else ( inter = stack [+0$];
        top = top -1;
     soturn item;
```

```
void Eval Post fin Celas postinED)
    inti;
    dor ch;
    int val;
     int A,B;
      for (i=0; postfix[i]!=1)'; i++)~
          ch = postfix Ci];
           it (is digit (oh)) &
                 push Ceh - 101);
           else if (ch== 1+1 | | ch== 1-1 | | ch== 1*1 | ch== 1/1) {
                A = pep();
                B= pop();
                Switch (d)
                   Cose 1 * 1:
                     . Val=B*A;
                       break;
                   (ase 1/1:
                        val = B/A;
                         beack;
                    (ase 1 + 1:
                         vol = B+A;
                         break;
                     Case1-1.
                          val = B-A;
                          break;
                 push(val);
                     In hosult of empression a valuation: /d \n", pop (7);
```

```
int main()
 clas postfix[POSTFIXSIZE];
 print (" In Enter postfix expression, in press eight parenthesis 12"
            for and expression: ");
 182 (i=0; ic= POSTFIXSIZE -1; i++) (
        Scan f (" 1.c", ~ postfin[i]);
         if (post fix [i] == 191))
         d break;
     Eval Postfix (post fix);
    seturno;
```