program2

```
# include < Sldis hs
  define MAX (00)
    Clien Stack [MAX ];
    int tros ij
     osid push I clear ch)
      1
          if (top = = MAX-1)
           printf (" Hack is full \n"),
else &
              top++;
              dack [top 3 2 ch;
         eliar psp ()
            if (top = 2-1)

print ("Stack is empty!");
              item = stack (tap ];
             top -- j
          unt Stackerupty ()
                if (Top==-1)
```

```
punt (" In stack is cupty!"),
               neturn stack [top ];
          cent prinsuity (char ch)
              dwitch (ch)
                   eage 1+1:
                  Case '-'; return (1);
                  Case '1': Letwen (2);
                 default: ricture (0/)
tet chain ()
       Chan dupin [100]
       out i, item;
       prints (" guter ettre digin enferession: ");

prints (" "los", infin );

prints (" "mPostfin: ");

prints (" "mPostfin: ");
           avolité ( cupir [ ; ]! = 101)
                ywitch ( infin [i])
                    case (': piele (infine [i]);
```

```
eace ') : autile (( item * = psp ())! = '(')
printf (" % c", etem );
                      bueste;
        race 1.1:
        case
                   pecionity ( suffice E i 3 2 2 puisety (darkty)
                 citem pop (1;
                public airfin [1];
                becert;
         default: print ("400", deifin [i]);
                    break;
while (! Stackeruply (1)
    char viter
  item : pop(1;
puint c'oloc', vitem);
 print (" \n");
  detwar 0;
```