```
int main()
#indude <stdio.h7
 #indude < stalib. 27
# define rize 5
                                           int item, choice cont;
                                              Stitop = - 1 ((XAM) DOM
1 st mut structure
                                           printf(" IMPLEMENTATION OF STACK");
 Struct stack {
                                                          wid that buch
 int s(size);
                                        do E
                                          printf (" Main Menul n')?
 int top;
                                          printf("1-Run t 2. Pop t 3. Display t 4. cxi+/i).
 3 st;
                                           printfle Enteryourchoice \n");
int stlau()
                                            scanf (" /d", & choice);
i } (st.top)=size-1)
                                            Switch (choice)
  return 1;
                                        Case 1: printf(" entertheiten to be pushed (n");
 3 ( ) ( ( if of not )
                                                sconf(".1.d", Eitem);
Volafruh (intitem)
                                                if (stjul(1)
                                             printf(* stack is jull in );
 ş
   Stitob++;
  St, S[st.top]=item;
                                               die
                                                    puch (item);
int stempty()
                                                   break;
i ) (st-top==-1)
                          paper ( are 2: if (stempty())
  Yetum 1's
                                                printf (" empty stack) (under flow \n");
  che:
   return 0;
                                              due
  int pop()
                     (((1)x) for Johns
                                                 ikm = pop();
                          : SUSTYCE
   intitem;
                                                 brintf (" the popped element is 7-d/1", day
   Hem = st. s[st-top]; it it time : the
                         doind
                                                                   العالم المالية
    st. top --;
                                                break;
    Jehern (item);
                                         Cares; display ();
void display ()
                                                break
                    this butil
                                           Cary: exit(0); (1) 111/4 Arabor
{ int i;
   if (stempty (1)
                                        prints ("dayou want to continue?
 privitf ( stack is empty \n');
           friend of thems,
 else
                                                          Coffee enter 1) \n").
                                          Scanfly 11-dy, Eword); Wortships
for ( i= st-top; i>=0; i--) 1/1 min
 prints ("1.d \n", st. s[i]); ) on led
                                           3 capile (cont ==1)
                                             return of (11) nade
                                                     . Liland
```