Goat rouning program

```
#include (steg 52. h)
 Sbit switch-pin = P1no;
                                      The same of the
 # define wunt_poort p3
 # define SWITCH_NOT_ PRESSED (bit) 0
 # define switch_ PRESSED (bit) 4
                              Costinu 9 Minus
void switch- Init (void)
bit switch_ Get_ input (const unsigned chan debounce);
void DISPLAY_Init (void);
void pisplay - count_update (const unsigned chan);
void DELAY_ LOOP ( const unsigned int );
void main cvoid)
{
  unsigned chan switch- poressels = 0:
 SWITCH - Init ();
 DISPLAY- Init();
 while (1)
```

```
if (SWITCH- Get_INDUT (30) = = SWITCH_PRESSED)
    switch - paesses ++; - : ( Deliced . Otherso ) good Lypsed
                                  I'm a a pla - positives of
  pisplay- count- update (switch-paresses);
 ) - / while loop dosing - rig- define simula
                   BRANCHE ACTIONS TO RECORD HER BEST
] => // main loop closing
void switch-Init (void)
                                      Return Rot annager
     switch-pin = 1; // making it i/p poort
void DISPLAY Init copid) o sanco passon intermedia viov
                                  1000 = 5009 HOUR
    count_ posit = 0;
  bit
     Switch- Get- Input (unsigned chan Debounce-period)
                              Chaignest the Ciano
       bit neturnvalue = SWITCH-NOT- PRESSED;
                    HU C 051 20 C 0562 ROA
```

```
if (switch-pin = = 0)
                  -=0)
199-107100 == 768 10001-1919 -19710189
    }
       DELAY_ LOOP ( pebounce - peniod);
      if (switch - pin = = 0)
                  paper - (cont. opdute (switch_paresses);
             while (switch-pin == 0); 100 400 90100 1
              Return value = SWITCH- PRESSED;
     }
                                    Colour simi - Haliwa Ki
   netuan Retuanvalue;
                       Fuixou / E = vid = distans
} -> " crossing of function
 void display - count update ( onst unsigned chan count)
      munt_post = munt;
                                      :0 = 11500 . 1000
  void DELAY - LOOP (const unsigned anam time)
       unsigned cham i, i;
        for ci=0; -ixtime; itt)
              fon ()=0; jk120; j+
```