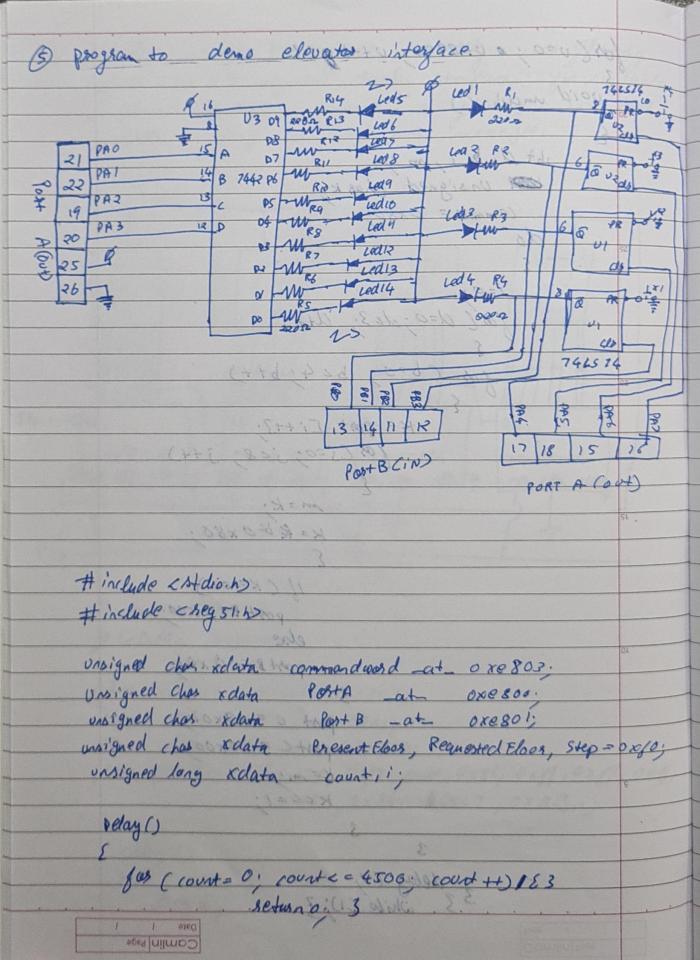
MICROCONTROLLER . 1) Drive a stepper motor interface to notate the motor in clockwise by NStops indisolved soitable delay between societies steps. #include < stdio.hs # include < segs1.h> charxdata lost at 0x0 803, Char x data porta -at - 0 xe 800; chas idata acc at 0x 30; delay () 11 Delay b/w sot of steepes motos jos (5=0; j<800; j++) void main () post=0x80; llangiguse all posts of 8255 as 1) O/P port. all= 0x 11; posta = acc; delay(); acc = 0 x 22. posta = pacc; acc = ox lity posta = acc; delay(). Camlin Page

Display morages FIRED HELP allessately and a special dolay (); which thomas to so shall kes it early to read how memages. 2) Anticlock wise H include > dio hs # include < Reg 51.42 void delay ( int val) { 3 no ci-o; icoal; it+3/
3 no ci-o; icoal; it+3/
3 vaid man () { है। दास तक के विक तथ तथा कि एक वार को के तथा है। P2 = 0 x09; delay (1000); 92 = 0 x0 C; delay (1000); 02= 0 x 0 6; < 4-12 pg p2 = 0 × 03: 3 white(v) Los poss [20]: {0x86,0x99,0x60,0x86,0x86,0x99, 0889 0x86, \$ ORET, 0x83,13 Camlin Page

Display messages FIREX HELP alternately with glickowing effects on a 7- segment display interface for suitable makes it easy to said both messages. FFO -> PA 7425164 7425164 P(0-1 # in clude 2 stdio. h) #include segsi.h> Chas x data comme - at 0 xex03; chan odata portB at 0xe801; Chas xdata part at 0xe802; Chas post [20] = {0x8e, 0x14, 0xde, 0x86, 0x11,0x11,0x11 0x89, 0x86, 10xc7, 0x8c3,ij delay () long u',

den 683 pt+10,000820 shat dibis, my Unsigned chask (0mmw = 0x80) SKE post [ ++ ]. (OS (5=0; je8; j++) m=k; K= & & O x80; 1/ (K==00) > 9/1/1/1 post 8= 0 x00. 10x0 = 8 +20 promondust at 0 x01. greek was edula 1845 at 0008000 to a tiport C = Oxolins have port = 0x00 signed long adato, m = House 1. KCC=1; 3 Ell (4 to delay (), = stood 10 atmos) (1) Camlin Page



Reset () POST A-Step. step = step & oxog; Post A = Step; Step = Step 1 0xfo; b secok. Post A = Step; resurno, GOUPE) Switch ( Requested Eloos)

E (E) NOC god & Johnson : Noxo 9003 case oxod: while ( step < 0 x (3) ? step++; 1942= +++019 Pest A = Step; (Spola) Delay (s; People. Reset (); baseaki break; LOAR Crob: While step sox 16) Case dxob: white (step < 0x 16) 1400-3. SEP++; post A = Step; 1 Delay OC); 37.13009 Reset (); break; CORP BX DB : while 6 Step lase 0x07: while (step = 0x/9) · -- 9246 5 step++; Camlin Page

step = step b oxol. Post A = Step. Reset () Step = Step | Ox10. brook; POSTA = Step. Godown() (190) switch ( Requested Floor) Hon I Reguested Eloss case oxod: while ( step sox ( 3) one axed: while step 20 x (3) } Step -- ,
Post A = Step. o elay() Resett. bseak; Reset () barrak; (ase 0x0b: while ( step >0xf6) (030 0x06: while (3300 00/6) step --; Post A = Step. · got a polary (); a Oslanow. Resetly break; (ase ox De: while ( step > 0xf6) COMP BRODE Zubille ( Steps actes) Rost A = Step; Camin Page

" Delay Es " when - when the many - many Reset(); bseak; Einclude 2 seg 51.45 word main() 1808 9 x0 the stars who anxilized = forg journ out out ourse oxes. ? Command Word = 0x82; Post A = Oxfo 5 2 xo 3 AXO Present Floor = 0x0e; while (1) & Requested Floor = Pas+ B; Requested Floor = Requested Floor & Oxof ( Requested Floor 1 = 0x01 bb Requested Floor) = ls esent Floor if ( Requested Elos < Bresent Floor) else x routs beneficial So Down () Bresent Floor = Requested Floor; Requested Floor = Post B. (-d.0<f;8)=d) (b) 100 1 750; 508: 546)

Seven-Segment display -display "Bengaluser" in Hindude < stdip. hs #include 2 seg 51. h) chas xdata commow -at 0xe803, Char xdata PostB \_at\_ 0x @ 801; Chos x data Post C -at 0x C 802. chas post(20) = { 0xf 10xf , 0xf , 0xf , 0x83, 0x88, OX (8, OX82, OX88, OXC7, OXCO, OXAE, OX863 in delay () long a; 18 + 1012 = 100/3 104 (3/10) 99 for (u=0, u=4000, u++) {} 1) (Requestel Floor I - ox of the Requestellism brow Mr Required Elios & Escaped Filips int d, b, i, m; unsigned chark; COMMW= 0x80; Money Thos = Requested Book Regnested Flore = last 8 :051 for (d=0; de1, d++) for( b=13; b > 0; b-) delay (); K = par [i++]. for (5=0; se8; 5++) Camlin Page

M=K; K= K00 880; 13 (K = = 00) pos+B=0x00; else post B=OxO1; 3 port C = 0 x 01; port C = 0 x 00; K = m; K = 1; Date Camlin Page