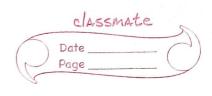
classmate Vallisha.M, 1BM 19(S177 1. Done a stepper motor enterface to sidate the motor in anticlockwise by Neters. Introduce suitable delay betulen successive stops. #include Cstdio.h7 #Prulude < 91951.47 chaevadata post ot - 0xe803; charxdata porta-at-oxe 806; charidatacciat 0x30; delay () for (] =0; 5 < 800; 0++) void main () port = 0x80; (1) eliku acc = oxl; porta=acci delay (7) acc= ox22; isso colog delay (); all = Oxa4; porta=acc; delay ();



acc = 0x88; porto=ace; delay();

#include < stdio, h7

2. Drave a stepper motor interface to retate the motor in clockwise by Notege. Interduce delay in between successive steps.

#include < reg 51.h7

Charadata port-at-0xe803;

charadata porta-at-0xe800;

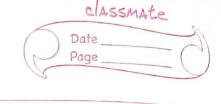
charadatacc-at-0x30;

delay ()

for () = 0; <800; + T)

port = 0x80; while (1)

> au =0288; porta = acc; delay(); acc = 0244;



porta = acc;

delay();

au = 0x22;

porta = acc;

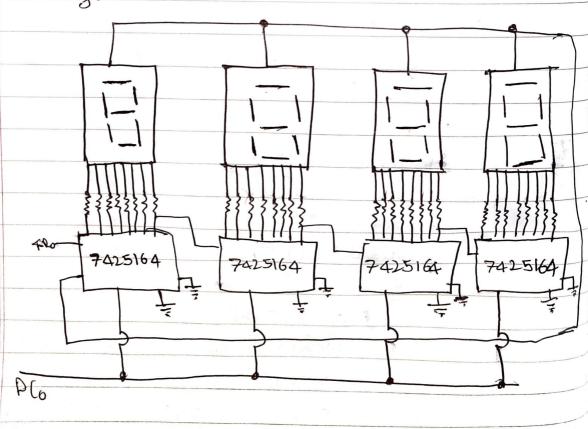
delay();

acc = 0x11;

porta = acc;

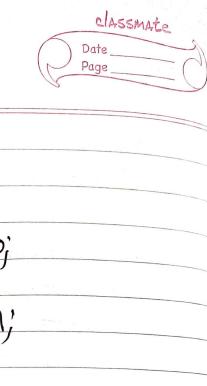
delay();

3. Display messages FIRE and HELP alternatively with flighering effects on a 7 segment display interface for a suitable period of firme of Frence a flashing rate that makes it easy to read both messages.





#milide <stdio.n> #include < Reg 51. h 7 charadata (ommW- at _ 0xe803; 108 ex 0_ to- Strengtobxrown whore x dataport C-at - Oxe 802; chaa port [20] = { 0x8e, 0xf9, 0xde, 0x6, 0xf, oxf, oxf, 0xf, 0x89, 0x86, oxc7, ONE CS , i) for (u=0; u<8000; u++); Vsed main () im, d, b to unsigned char 'K; Comm W =0x80! for(d=0; dc3;d+r) (p=0; pcq; p++) K = port [itt];



K=K8#Ox80;

1,10x0 = 2 brad

port C=0x01; port (= 0x00;

k =mj

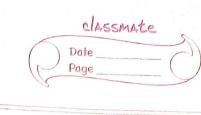
KCC = 1;

(1) elister Display messages BANGALORE in rolling for a suitable period of some.

#malude < stdio, h7 #include (sug 51. h7 charidata CommW_at_Oxe803;

Charadataparts_at_Oxe80!;

charredata port (_ al _ 0 re80d)



(8800, 6800, 8200, 8200) = [05] teap reals. On(7, Onco, orAF, ox86,?; ber (u=0; ux4000; le++); Void main () unsigned than K; CommW = 0x80; do 2=0/ K = post (2++); for(j=0;j<8;j++) k = k& 0780;

else postB = OxO 1; post (=0x01; poet (= 0x00; KCC=1; delay () i(1) slinked