```
7-1-21
```

Priogram 5: Demo the elevation interface Anity Prosad 1BM19CS194 #include <stdio.h> # # willude reg 51. h) unsigned that xdata Command World - at _ One 803; unsigned that x data Ponts _ at _ 0 xe 800; unsigned chan xdata PontB_at_0xe801; unsigned than rotate fresent Floor, Requested Floor, Step = Oxfo; ansigned long xdata Count; ;; Dolay () for (Count = 0; Count <= 4500; Count ++); > 3 feset() sup sup 4 Oxof; PostA = Step; Step = Step | Oxfo; Pout A : Step;

Golp()

Switch (lequestedfloor)

```
0x0d: while (step<0xf3)
   cap
               Step++;
               PostA = Step;
             Delay ();
             Leset();
             buck;
case 0x0b: while (step < 0xf6)
                 5
                stept+;
              PortA - Step;
              Delay ();
             Reset ();
            buck;
case 0x07: while (Step <0xf9)
                      2
      Step++;
     Port A = Step;
    Delay ();
    Reset();
     break;
```

```
Go Down ()
 switch (Requested Floor)
             0x0d: while (Step > 0xf3)
            Step-;
          PortA = Step;
         Delay ();
       Reset ();
      Cbrak;
       0x0b: while (step > 0xf6)
(ase
               step - ;
            PortA: Step;
            Delay ();
        Reset (1;
         break;
case Oxoe: while (Step > Oxfo)
```

```
step;
 Part A = Step;
   Delay ();
   Reset ();
 break;
void main ()
Command Word : 0 x82;
Post = 0x fo;
Resent Floor = PortB;
Requested Floor = Requested Floor of Dx Of;
if (Requested Floor != 0x0f 44 Requested Floor != Present Floor ) {
           if (Requested Floor < Present Floor)
                    Group();
            else
                   Gro Down ();
      Presentfloor = Requeste of wor;
     Requested Floor = PortB;
```

