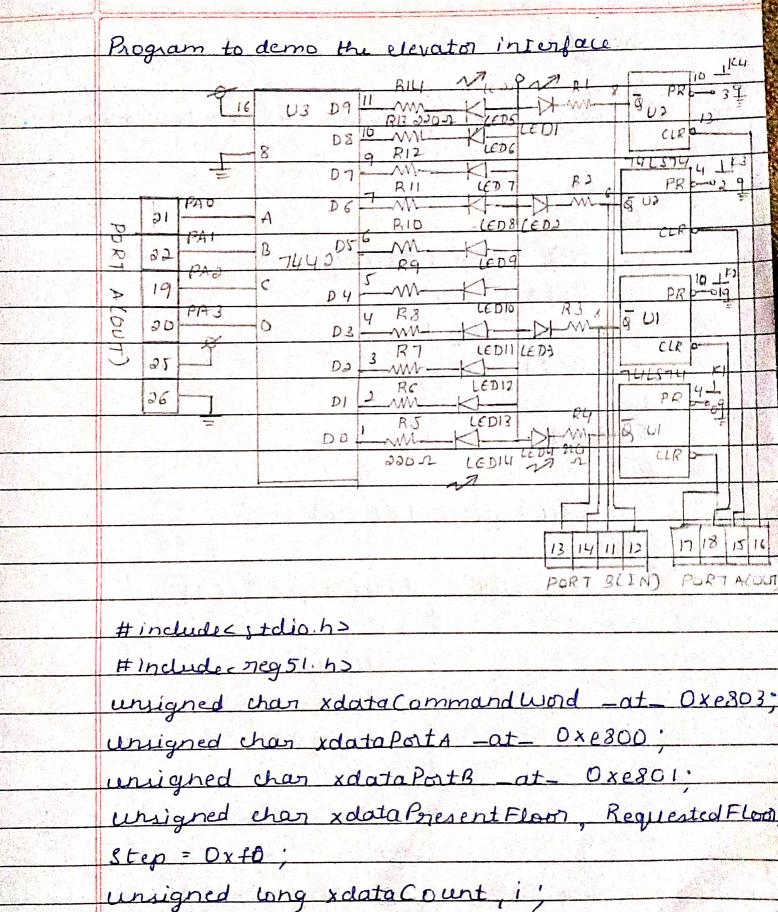
Vineeth R Rao 1 bm19cs183





```
Delay ()
  for ( count = 0; count < = 4500; count ++).
Reset ()
   Step = Step & OXDI;
   PortA = Step;
   Step = Step 1 0xfD;
   PortA = Step.
GOUP()
 switch (Requested Floor)
   case OxOd: while (Step < Oxf3)
                   step++;
                   PortA = Step;
                  Delay ();
               Reset().
              bleak;
   case DxDb: while (step< 0x+6)
```

```
Step++;
      PortA = Step;
      Delay ();
      Reset ():
      break;
 case 0x07: while (step < 0x fg)
             Step++;
             PortA = Step;
              Delay();
            Rejet ();
            Bleak;
go Down ()
 Livitch (Requested Floor)
     case Ox Dd: while (step > Oxf3)
                  Step - - ;
                  PortA = Step;
```

Delay ();

Reset (); break: case OxOb: while (Step > Oxf6) step = -; PatA = step; Delay (): Reset (); bleak. case Ox De: while (Step > Ox fo) Step - - . PostA = Step; Delay(); Reset(): break; void main () Commandward = 0x80; PortA = Oxfo;

Present Floor = DxDe; while (1) 1

Requested Floor = PortB:

Requested Floor = Requested Floor & DXDf; if (Requested Floor! = 0x0+ && Requested.

- Floor ! = Present Floor)

golp ();

go Down();

Present Floor = Requested Floor;

Requested Floor = PortB;