demo the elevator unterface > program to Hundude (stdio.n) Hunclude (Begs 1. h) unsigned chan redat a commandword-at-0xe803; unsigned char gradata porta_at_oxesoo. unsigned char adata ports_at-oxe 801. consigned chan redate count, i' for V count = 0; wind 2 = 4500; count ++); delay () { Reset () { Step = step & Oxof, post A = witep: Istep = steplosifo; post A = step Gout () 5 switch (Requested floor) { Case Oxod: nfile (step Loxf3) {

step ++

port A = step;

delayo;

Date: / / Reset() beeak; case onob: while (styp 2 onf 6) {

step ++;

post A = step;

Delay(); Reset (). belak; 0207; while (sty conf 9) 2 nase post A = step Reset () Requested floor Reset step rong 6) 1 postal = step;

Case oxoe : While (Step > 0240) slep -- ;
poetA = steps;
Delay (); Reset();
leeak; Void main () { boundandword = 0282; porta = oxfo; presentleon = oxoe. Reguested Floor = Port B.

Reguested Floor = Requested floor & Oxof in the Requested Floor 1 = 0x0 f & & Requeste floor 1 = 0x0 f & & Requeste in the floor of the sent floor bodoron():

Presentfloor = Requested Floor;

Preguested Floor = PortB;