Program 05: 90 Demo the elevator Interface
# include < stdio.h> < 10016/2> obsubrit
# include < stdio.h> < doible> abubit
unsigned chas xdalaCommandlylord_at_0xe803
unsigned chas xdataPortA late Oxe800;
unsigned chas xdataPort B -at 0xe801;
unsigned chas xdataPresentFloor
Requested floor step = 0x+0;
unsigned long xdata Count, i;
DEWAND (BOOD) PIODS
Delay(1) { 100 v D 3 sq
for (Count = 0; Count <= 4500; Count ++)
1100 11 1100 11
1100 \ (001) polob  Reset() \{
Step = Step & Oxof;
PortA = Skep;
Step = Step 1 0xf0.
Step = Step Oxfo: Port A = to Step to biov
3
Corr co
Goup () & Tool > 1 (loci) you
switch (Requested Floor) {
case OxOd: vohile (Step <oxf3) td="" }<=""></oxf3)>
cleptic (SPEP ( DX+3) }
Port A = Step;
Delay():
3
Reset(); break;
break;

case OxOb: while (Step < Oxf6) 5
case OxOb: while (Slep < Oxf6) { Step++i;
Yort A = Step : 1012
Delay (); got = Atag
3 1/1/15/
Reset();
break; ()top)
break:
@ case 0x07: while (Step < 0x49) {
Step++
Port A = Step;
Delay(); 3 () minimo bjev
Reset (); - brolibramin)
break; rolx0 = Algg
3 100x0 - 20017 for 2029
3 (1) didat
Go Down CHE ROLL Bolley
on Odiswhile (Step > Oxf3) &
Step; Porth = Step; 171 stores ) ti
Roath = Step; 1 His word ti
3(ealTie Delay();
1300 11/2
(soal Reset (); oul Tholosupe I !!
break;
Case OxOb: while (Step > Oxf6) {
Step-1;
PortA = Step; 17 houses
Delay();
Reguested Flood - Portis P.
Reset ();
break;

