Program to demo the	elevator interface :- HOMAN OF PAN
#include (stdio.h)	MON DETRUM OLOGA
#include (reg 51.h)	ATTOO, A WOM
	MOV RO. A
unsigned than nodata	Command Word -at - One 80313 VOM
unsigned char adata	PontA _at_One8 or; A VOM
unsigned chan adata	Prus Q as Millians
Char redate	2 Present Floor, Read stadiffice 52 D.
unsigned long adata	Calint, in the WOM
	CINE N. Roller
Delay()	MOV DETR # 2001
lan (Court in a	MOV A, Ko
return o	t (= 4500; Count ++); or
}	5 INF Henr
	1
٤	MON DE 1K2 # 01 00
Step= Step Ro	MOUX (B. DITR) A . Que
PontA = Step)	
Step= Step	END.
Port A - Step:	1 UNTO:
return o:	
'J	
CroUp()	·
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Switch (Requested	(por)
£	
case On od	: while (step (oxf3)
	E (Step (Ox (3)
	Step++;
· ·	

	DatePage
Delayon	~
Delay ();	100
0	112 1111
Reset();	1 (0)
break;	V
	1 1 1 1
case OnOb: while (step < Oxf6)	10000
{	
Stept+.	TA S S
Pont A = Step;	2 NO - 40 + 7 + 20)
Delay();	
Resetl);	N .
bxeak;	
(1)810	7
case 0x07: while (Step (Ox f9	
i while (stept Ox for)
Stoott.	
PortA = Step;	sido i gáro izad
Delay ()	2
Delay ();	
Roset ()	
Reset (); break;	
1	
return 0;	(
	. 0 4 - 1
GoDown ()	Notices or
f Scoonia C	
Switch (Roquested Floor)	Change PWV
	Corp andiend = Ors
case Orod: while (Step) on	
9	

	: () Wall
Step;	
Pont A - Stop:	(14
Delay ();	
1	doord
Reset ();	
break;	identida (open
case 0x0b. while (Step) Onf6)	
f gote A mal	Standard Standard
Step	
Pont A-Step;	
Delay (); (1 + 92 9)	
) desta	
Reset();	- X
	war Fua Dago
	3
case or oe: while (Step) on fo)	
19942 - GIRRY	
Step possi	
Port-A=Step;	
Delay ();	100
D AND HOL	71.0
Reset();	. 1
break:	Down 133
return o;	10000
}	
Void ragio ()	() Ourollow
<u> </u>	
	austen / Roguretes
ront A = Oxfo . (Sha)	3
Present Floor = On De:	1950 0000

classmate	2
Date(

While (1) { Requested Floon = PoxtB; Requested Floon = Requested Floon OxOf; { (Requested Floon = Ox of & l Requested Floon = Present Floon) GroUph else CroDown (); Present Floon = Requested Floon; Pequested Floon = PoxtB; } Pequested Floon = PoxtB; }		
Requested Floon = Requested Floon & On Of; [Lequested Floon ! = On O.f. & Requested Floon] = Present Floon) ? if (Requested Floon < Present Floor) Cho Up!); else Gro Down (); Present Floon = Requested Floon;]	while (1) {	
Requested Floon = Requested Floon & On Of; [Lequested Floon ! = On O.f. & Requested Floon] = Present Floon) ? if (Requested Floon < Present Floor) Cho Up!); else Gro Down (); Present Floon = Requested Floon;]	Requested Floor =	- Poxt B;
Cro Down (); Present Floor - Requested Floor;	Requested Floor:	= Requested Floor 1 On Of.
Cro Down (); Present Floor - Requested Floor;	1/20000	
Cro Down (); Present Floor - Requested Floor;	:1/P	on 1 = Ox of & Requested Floor 1 - Present Floor) ?
CroDown (); Present Floor - Requested Floor;	- Victoria	TLOOP ZIMESENT FLOOK
ChoDown (); Present Floor - Requested Floor;	Plso	pl);
Present Floor - Requested Floor;		
J	P. OTO DOWN (<u>)</u>
Requested Floon = Poxt B; }	1 resent toon -	Requested Floor;
} }	Paris In	•
	1	Dr = Port B
	}	
	•	