r _	
	NAME: T.VAGHDEVI PRAVEEN
	USN: 13M19C8175
	SIGNATURE: Paghdevige
	LAB-5
	#include < Stdio.h>
	#include < 91.eq51.h>
	Unsigned char Idatacommandword_at_0xe803;
	unsigned char xdataPortA_at_Oxe800;
	unsigned Charxdata Port R at Dream.
	unsigned Char x data Present Floor, Requested Floor, Step= 0xfo;
	Unsigned long Xdata Count; i;
	Delay C)
	7 0
486	for (count = 0; count <= 4500; Count++);
	17
	Reset ()
_	1
	Step=Step & Oxof;
-	Port H = Step;
_	Step = Step Oxfo;
_	PortA = Step;
_	15
<u>`</u>	1 GOUP C)

^	
Shaitch (Realisted El -)	
Switch (Requested Floor)	
Case Oxod: while (Step < 0xf3)	
-	
Step ++;	
Port A = Step;	
Delay CD;	
7	
J	
Reset ();	
break;	
Case Oxob: while (Step < 0xfg)	
	2 4 1
Step++;	
Port A = Step;	
Delay ();	
3 3,	
P. A. M. C.	- A'-
Reset Co;	
break;	NA 4.12 1986
	¥
Case Ox 07: While (Step Koxf	9)
— — — — — — — — — —	
Step++;	
Port A = Step.	
Port A = Step; Delay CS;	
2	
Resulco; break;	8
break;	
}	N.
2	
.J	8

Gor	Down ()	EDG3
<u>{</u>	tch CReques	sted Floor
	Case DXDO	L: While (Step > 0xf3)
		3
		Step;
		Port A = Step;
		Delay C);
		2
		Reset cs;
		break;
	Care	exob: while (Step > 0xfg)
	NN	3
	19	Step;
		Port A = Step;
		Delay Co;
		Reset co;
_		break;
	Cas	e Oxoe: While (Step > Oxfo)
2000 17	Cus	S CXCE. While (seep > Oxfo)
		Step;
		PortA=Step; Delay();
		2
		Reset co;
		break;
	7	
	}	
	0	



Void main Co	
S Main	
Command David = Oven	
while (1) }	
Requested Floor = Requested Floor & Oxof:	
if (Requested Floor 1= 0x of & Requested Floor 1= Present Flo	2
	01)
if (Requested Floor < Present Floor)	
(in Up C):	
else	
Ga Down ();	
Present Floor = Requested Floor;	
Requested Floor = Port B;	
	-
	-
	-
	-
	1000
	-
	/
	Void main C) { CommandWord = 0x82; Port A = 0xfo; Present Floor = 0x0e; While (i) { Requested Floor = Port B; Requested Floor = Requested Floor & 0xof; if (Requested Floor = 0xof && Requested Floor = Present Floor) { (Requested Floor < Present Floor)

