## Varsha.S 1BM19CS179

## papergrid

Date: / /

	Perogram to demo the elevator interface
→ :	#include <stdioih></stdioih>
	# include (one of 51.h)
	# include (sieg 51.h) unsigned char x data Command Word_at_Oxe803; unsigned whar x dataPortA_at_Oxe800;
	unsianed when x data Port A at - Oxe 800;
	unigned char x data Port B_at_ 0xe 801;
	unsigned whom x data Present Floor, Roquesto de loss
	Step = Dx Co!
	unsigned long xdatacourt, i;
	ansigned song xariabans, i.,
	7-1-12
	Delay ()
	for(court = 0; court < = 4500; court ++);
	201 (COUNT - 0, WILLY - 4000), Count ++1)
	Reset ()
	: Stormed
	Step = Step & Ox Of;
	Part A = Stop '
	Part A = Stop; Step = Stop 10 x fo;
	Part A = Stop;
	2
	Complete Consequent of I have
	GOUDCO
59	Some bearing of the second of the
	Switch (Requested Floor)
	5
	(ase 0x0d: while (Step (0xf3)
	\$
e e	Stept+;
	Port A = Step;
	Delay ();
	. 6
	Reset();
	break;

Ent production	papergrid
	Date: / /
case 0x06 i while (S-	HOKOXL6)
S	
Steptt:	
Port A = Step;	
Delay ();	at it is to the time.
3	Maria de la Maria del Maria de la Maria del Maria de la Maria dela Maria de la Maria dela M
Reset();	on to the business.
break;	into an whole house
	1)
case 0 x 07: while	Estep (ox fg)
\$	
Step++; Part A = step;	10,0100
Part A = step:	
Delay ();	1 10 to to mother
4	Y (* 1)
Reset ();	11/59. 5
break;	
1,5	1408 9962 - 9062 "
	A 01 9822 244
(no Down ()	- 900 BH / 1
Scotal CD 141	Tions
Switch (Requested	+1001)
case 0x0d: while	(Clea Vala)
	haliman of the state of
Step!	
Poect A = Step	0'
Delay ();	
4	
Reset ();	2 - 4 - 1
bareak;	
	4
	• ( ) 4 4 - 9 4

papergrid  Oate: / /
case 0x0b: while (Step>0xf6)
Step = -; Port A = Step;
Delay ();
Reset (); break;
case 0x0e: while (step > 0xf0)
Step; Part A = Step;
Delay();
Ruet (); break;
7
Void main ()
Command Word = 0x82;
Prost A = Ox f D; Prosent Floor = Ox De;
Requested Floor = Port B; Requested Floor = Requested Floor & Oxof; i) (Requested Floor! = Ox Of && Requested Floor! = Present Floor)
thor = Bresent + 100x)

Scanned with CamScanner

(Requested Floor < Present Floor) GoDown (); Present Floor = Requested Floor Requested Floor = Port B;