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To an a	KEY COT	BIN-AFIS
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7[2]	LEDR (9)	2180
JIJ	LEBE [8]	Lah. Asi
	LEPR (A)	151 - M51
369	LEDR [6]	binMso
n c		PIN-419
R[9]	LEPR[3]	, ,
R(2)	LEDR(2)	PIN-VI8
R. C. J. C. J. C. L.	LI CODCID	PZN - V17
R[O]	LEPRIN.	PIN-WIG
March of the death	LEPRIO	PJW - V16
HEXOC6]	1401 1312 111	A Line William
[2]0x3H	HEXOCO)	PIN- AEZG
HEXOCHI	HEXO CIT	PIN- AG-27
HEYO (3)	1-1-x0 [2]	PIN- AF28
HELO(5)	HEXO [3]	PIN- A627
HEXOCIT	1-146xol (n)	PIN- AFZS
Here	HEXO (5)	12.PIN- AG28
HEXO [0]	HEXO CO	PIN- AHZ&
home	(1112-4	11
HEXI (6)	FIEXZ COJ	PIN- ABO
HEY & CSD MANUEL	HEX2 CII	PIN- AEZQ
MEXICAN	HEX7 C2)	PIN- AD29
FLEY 1 (37	HEX 2 [3)	PIN- ACZ8
HEXI [2]	HEX2 [h]	PIN- AP30
MEXI CIT	HEX2 [5]	PIN- ACZQ
HEY 1 COT	HEX2 (6)	811

	L'immercia de la Colonia
VHDL rogram:	
The state of the s	
or millibrary jeee: Milione	Thomas Carpul
use jeec. std-logic-116h.	Veriality
use i eee. numeric. std. c	
STIA - VIEY FRIUS -	VI-
entity abnesaniyalabs	1,0
MEA PORT OF MAN	SALLY
En: in Std-logic;	The second second
CLEAR!: in std-logic;	dool
clock in std-logic;	
RVI: Pout Std-logic Vect	er (3 demate O)
Jui out std - logic = vec	mar 3 clamonata in i
HEXO! out std-108ic Vect	on (6 down to o)
PIMHEYT! out Std-logic Vecto	an (c downto or:
end abheraniye lab 8;	RIE
FIVE VIET (S) SICIL	12 (2)
architecture Counter la	Labheraniyellabs is
Librio 11 11 116	1018
Signey RING! Std-10gic	- Vector (3 downto o);
Signal JHOW! Std- 10gic	218,400 (201)
	- Vectories downto or
HEXDELL PIN - MEST	(3)0x)H
25 1 Degrin (5) 0 (3)	
15-711 - VILI . [1] OX JH	[3]0x]H
25) (Degrin) (5) or oth	H(x0(s) H(x0(u) H(x0(3)
ribegin (s) out	H(x0(x)) H(x0(4)) H(x0(3))
result with the state of the st	H(x0(x)) H(x0(4)) H(x0(3))
if CEN = 11)	(N) 0 x) H (N) 0 x) H (E) 0 x) H (E) 0 x) H
if CEN = 11)	(2)0x)H (B)0x)H (E)0x)H (I)0x)H (O)0x)H
15-11 - VILLE (E) OVILLE 15-11 - VILLE (E)	(8) 0 x) H (8) 0 x) H (8) 0 x) H (0) 0 x) H (0) 1 x) H
15-11 - VILLA CELOCK, EN, VC 25-11 - VILLA CELOCK, EN, VC 25-11 - VILLA CEN 15-11 - VI	(2)0x)H (12)0x)H (2)0x)H (2)0x)H (2)0x)H (3)0x)H (3)0x)H (4)0x)H (5)0x)H (6)0x)H (7)0x)H (7)0x)H (8)0x)H (8)0x)H (9)0x)H (10)0x)H
if CEN = 11' PSOIL VIEW IF CLEAR = 11' PSOIL VIEW RING LEN' PSOIL VIEW RING LEN' THOW LEN' THOW LEN'	(8) 0 × 3 H (8) 0 × 3 H (8) 0 × 3 H (0) 0 × 3 H (0) 1 × 3 H ' then (3) 1 × 3 H ' 0 0 0 1" 3 FM 1 1 × 1 H
if CEN = 11) 15 11 VILLE OF CLEAR = 111 15 11 VILLE OF CLEAR = 111 15 CILLER CENT 15 CLEAR = 111 15 CLEAR	(8) 0 × 3 H (8) 0 × 3 H (8) 0 × 3 H (0) 0 × 3 H (0) 1 × 3 H ' then (3) 1 × 3 H ' 0 0 0 1" 3 FM 1 1 × 1 H

```
62
else if Rising - edge (clock) then
        RING(1) (= RING(0);
        RING(2) L= RING (1);
        RIN ( 13) 4= | RING (2);
        RING (0) (E RING (3);
        JHON (1) <= JHON JHOW (6);
        JHON (3) <= JANG JHON (1);
         JHUN (3) <= R. JHON (2);
         JHON (0) C= NOT JHON (3);
          R L= RING;
           J C= THON;
     Case RING is
        when "0001" => HEXO <= "0000001";
        when "0010" => HEXO C= "1001111"5
         when "0100" =) HEXO L= "0010010";
         when "1000" =) HEXO (= "0000 110";
        when others =) Hexo (= "1111111
     end cuse;
     case Thon is
                                  "<u>oooooo!";</u>
                "0000"=> HEXT (=
         when
                "0001" =) HEXT 1=
         when
                                   11 0010010";
                "0011" =) HEXT C=
                "0111" =) HEYT (= "0000110";
          when
          when "1111" => HEXT (= "1001100";
          when "1000" => HEXT <= "0100100";
when "1000" => HEXT <= "0001111 = ";
when "1000" => HEXT <= "1111111";
```

73		N.
	elsend (loss) pla paria li sie	\
	RING <= "ovo"	\
	THOW 5= "0000"3) //	\
	HEXO <= 1" 11 11 11 11 11 11 11 11 11 11 11 11	_
	HEXT <= 1"11 11 111"; VIII	\
	end if it want is in worth	-
	end Processi II (8) MIHI	-
	3 HCW (3) (2) (2) (2)	_
	End Counters (5) 101 => (0) VIOHE	_
C 61		_
	$\bigcap A \subseteq PANG$	_
	Discussion: HIMOHT TO T	_
		_
1 316	CLER PANN IS	_
	(1000000) 32 JYHAC "1000" MONON	-
111	1111001 = 2) x) H (= "0100 menter more	
0.00	10010011 = 0x)H= (= "0010" morrer :	
1116	11 0000 11 = 7.0x3H (= 1,0001, Worker)	ALE OF
1:41	ITHERE = SOUTH (= STURNED (MONEY)	
	Trulle marker of the control of the	
	end cuse;	
2 2 2		
17 10	CUSE THOW IS	
. ()	The second secon	
1 (1 (1)	2000 =3 [X]A (= "0000" mon(2)	
	1001 = FX3H /= "1000" (100Nt)	
	100" => rx3H (= "1100" provide.	
	000 => tvirts (= "1110" pants	
100110	1011 - 1 1 month on 11	
1000100	110 1 The result of the H	
1"00000	LOVE TO FREE TO THE TOTAL TOTA	_
30411110	(e) () () (b) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	
. 6	11 20 110:1450	
	1111 1 = 3 rall (= 200A b) morror	-
-	: 12 b) bmg	
		/
	5 41 Joseph	/
	(1 1 - 73) 10	/