InResence

In the experiment with the help of Energia we learnt how to program TIVAC launchpad and its working, Also how to program using Energia for the different given condition.

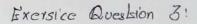
Example: 1 - Blinking an led is executed.

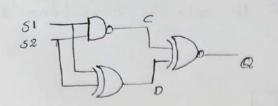
Example: 2 - Code of burning on & off of an LBD using pushbutton is executed.

Exersice Question 1: Code for performing logical operations AND, OR, XOR, En the cates for the gates.

Exersice Question 2: Code for implimenting a halfadder was written and executed. In this program 2 leds are used. One is for sum and other one is for carry. The hed binks as given in below truth bable. [Note 51: Pushbutton1, 52! - Pushbutton 2]

51	52	5um	Carry
۵	0	0	0
0	- 1	1	0
1	0	1	0
1	1	0	1





51	52	C	р	Q
0	0		0	0
0	1	ı	t	ı
ı	0	1	1	ı
(1)	1	0	0	1
1				

The solution for the above logic is formed and program is written and executed.

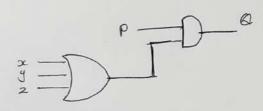
-) The Code used for exercition is of an OR gale logic.

Exersice Question 5!

Accourding to the question below shown logic gates is executed using program & output is varified.



President - P or, y, z - counsil members



P	oc	Ç	2	Q	
0	0	0	0	0	7.
0	0	D	1	0	
1	0	1	0	0	
0	0	1	1	0	
0	L	0	0	0	
	1	0	1	0	
0	1	1	0	0	
0	1	ı	1	0	
1	0	0	0	0	
L	0	0	1	1	
1	0	1	0	1	
ı	0	1	1	1	
1	1	0	0	1	
	1	0	1	1	
1		1	0	1	
1	1		1	1	
1	1	1	1	1	_

Exercise 4:
In this problem at most one of the option is choosed from the given.

				Expression	ET M
C	T	W	2		
0	0	0	0	ST.	
0	0	t	1	5	
0	1	0	1	4	
0	1	1	0	C T	
1	0	0	1		
ı	0	t	0	C-4	
1	4	0	0	M-D	
1	ŀ	1	0		

The program is abrithen and exercited accounting to the above truth table.