

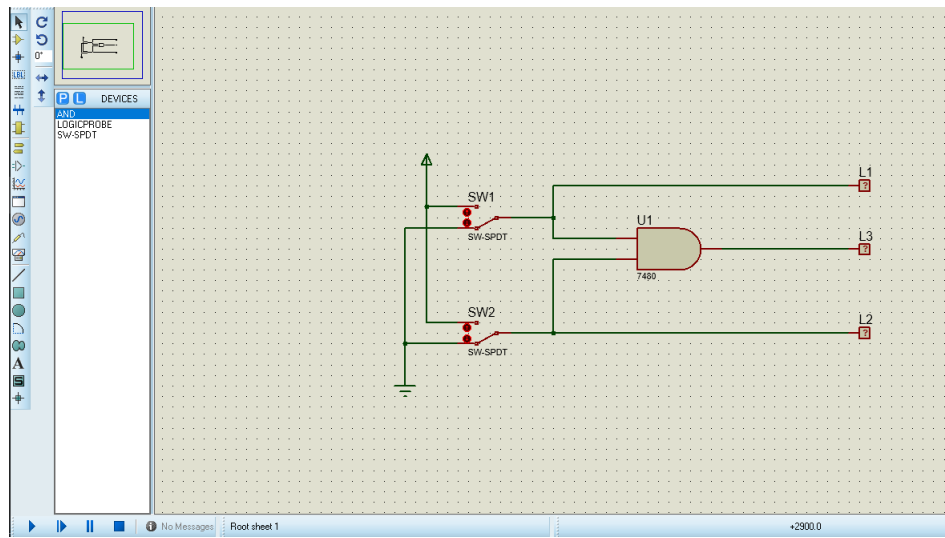
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Class : X

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Exercise 1

1. Make Logic Gates on picture



2. Truth Table.

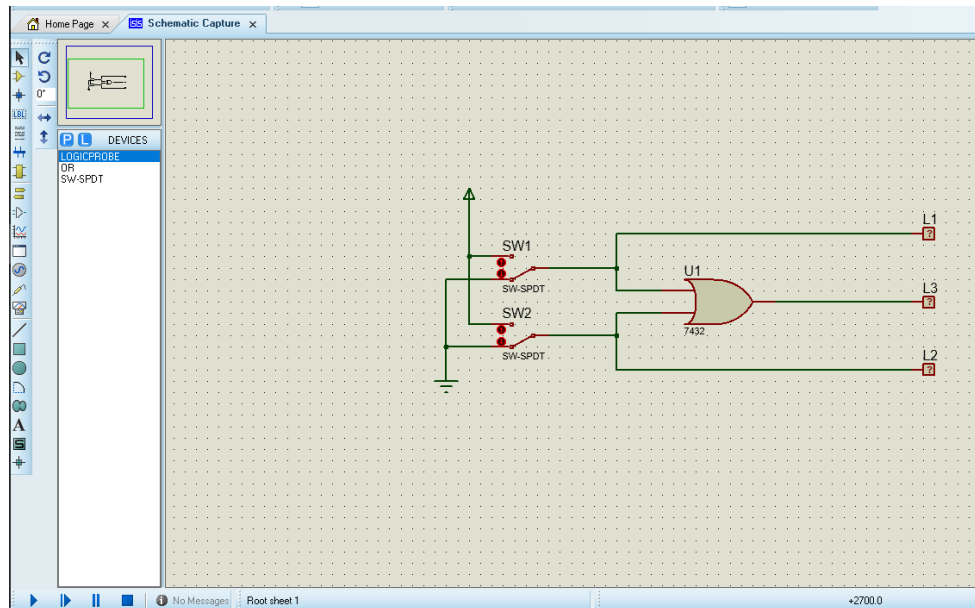
S W	SW	L1	L2	L3
1	2			
0	0	0	0	0
1	0	1	0	0
0	1	0	0	1
1	1	1	1	1

3. Diagram Time.

L1				
L2				
L3				

## Exercise 2

### 1. Make Logic Gates on this picture



### 2. Truth Table.

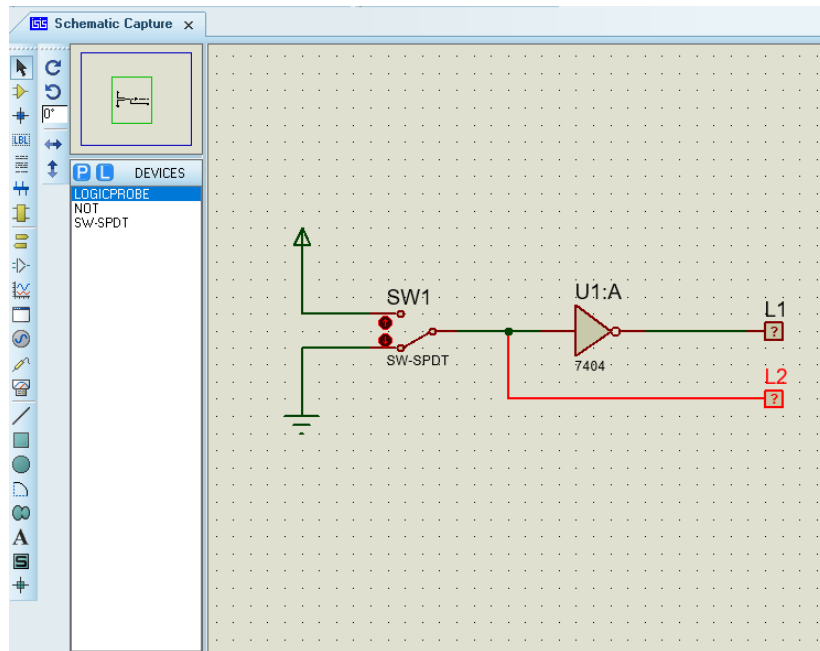
S W	SW	L1	L2	L3
1	2			
0	0	0	0	0
1	0	1	0	0
0	1	0	1	1
1	1	1	1	1

### 3. Diagram Time.

L1				
L2				
L3				

### Exercise 3

1. Make Logic Gates on this Picture.



2. Truth Table.

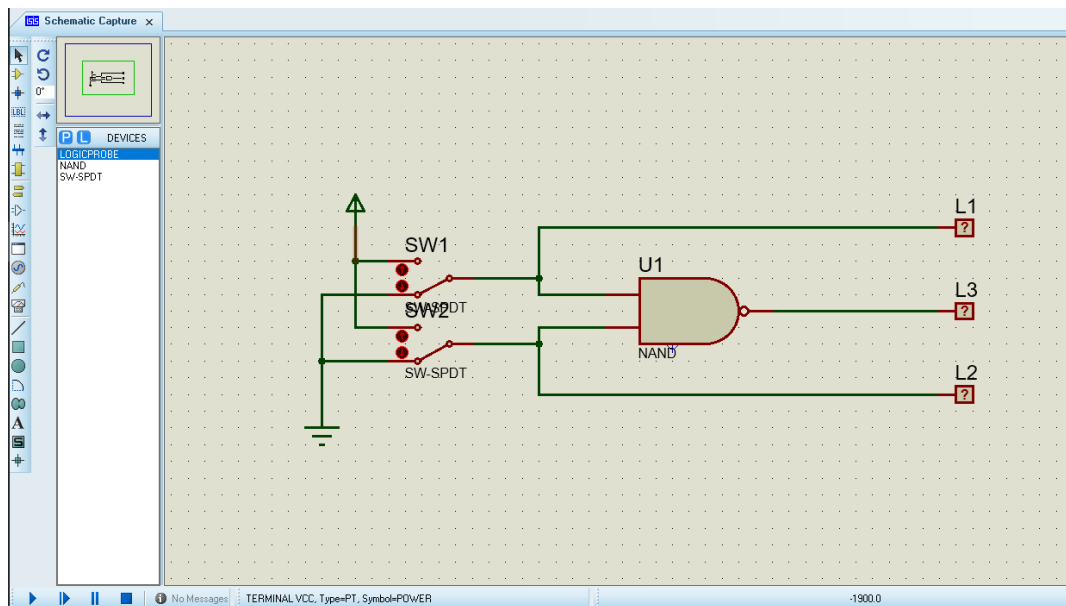
S W	L2	L1
0	0	1
1	1	0

3. Diagram Time.

L1		
L2		

## Exercise 4

1. Make Logic Gates on this Picture.



2. Truth Table.

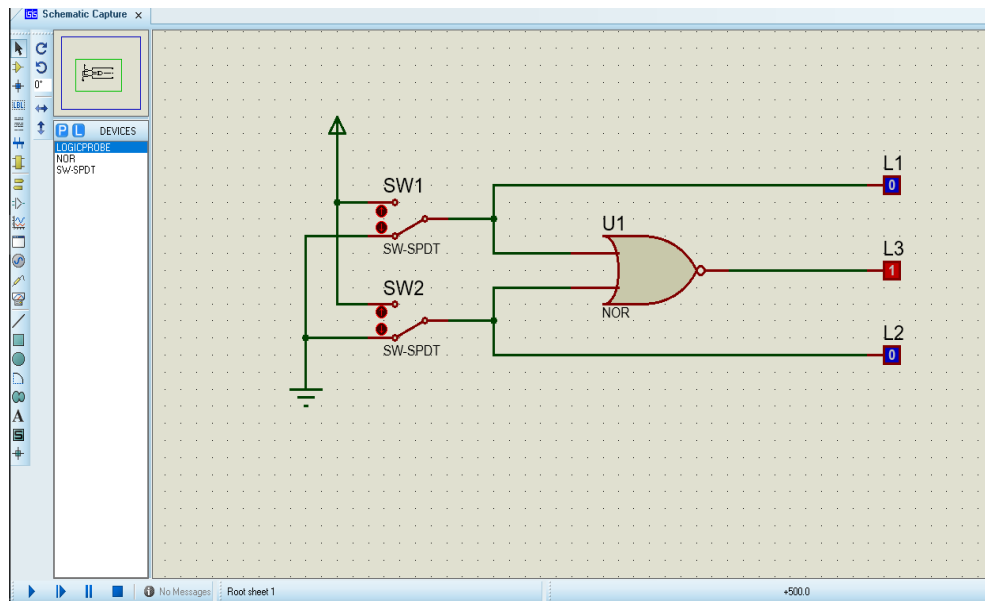
S W	SW	L1	L2	L3
0	0	0	0	1
1	0	1	0	1
0	1	0	1	1
1	1	1	1	1

3. Diagram Time.

L1				
L2				
L3				

## Exercise 5

1. Make Logic Gates on this Picture.



2. Truth Table.

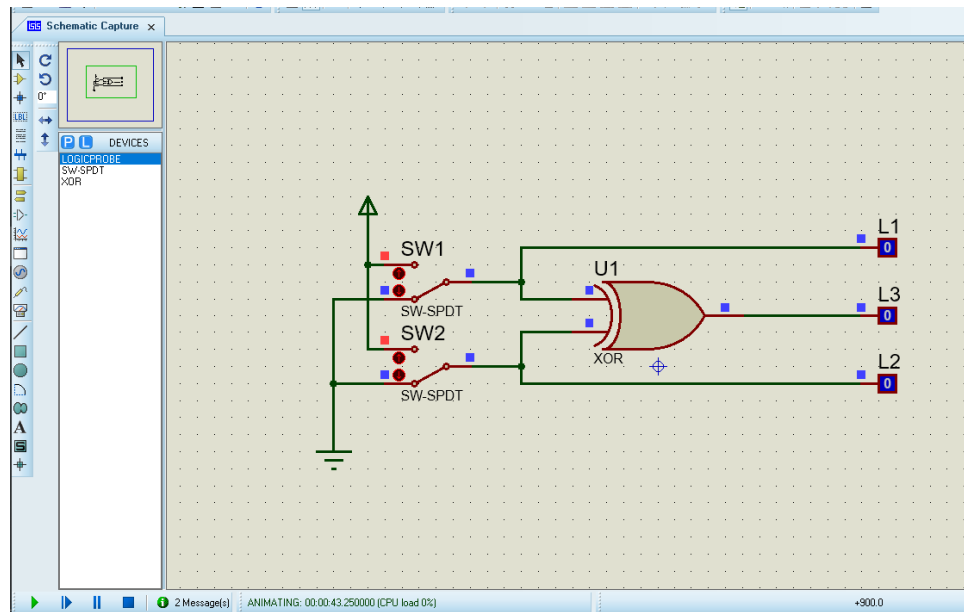
S W 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	0
0	1	0	1	1
1	1	1	1	0

3. Diagram Time.

L1				
L2				
L3				

## Exercise 6

### 1. Make Logic Gates on this Picture.



### 2. Truth Table.

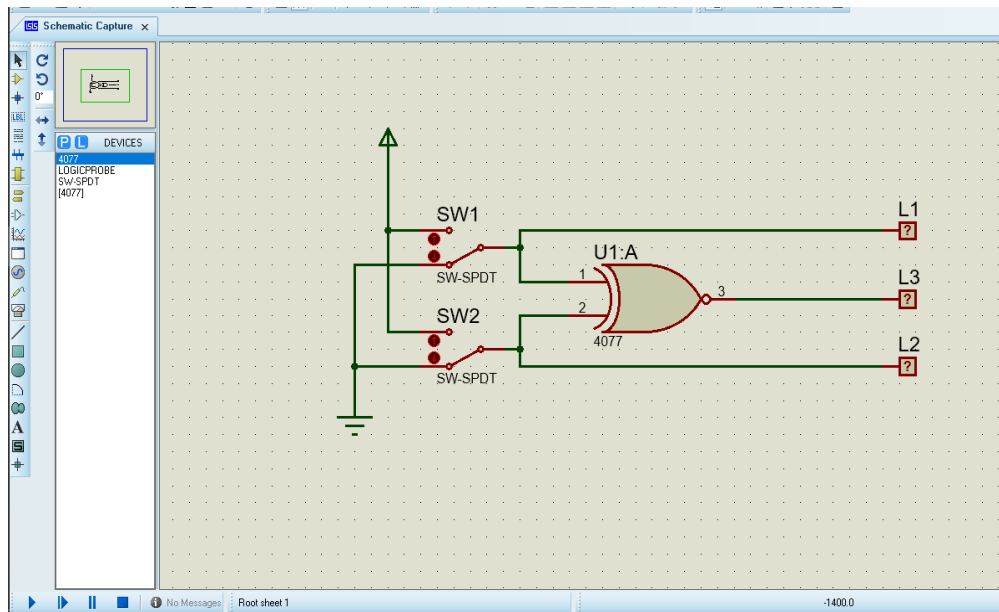
S W 1	SW 2	L1	L2	L3
0	0	0	0	0
1	0	1	0	1
0	1	0	1	1
1	1	1	1	0

### 3. Diagram Time.

L1				
L2				
L3				

## Exercise 7

### 1. Make Logic Gates on this Picture.



### 2. Truth Table.

S W 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	0
0	1	0	1	0
1	1	1	1	1

### 3. Diagram Time.

L1				
L2				
L3				