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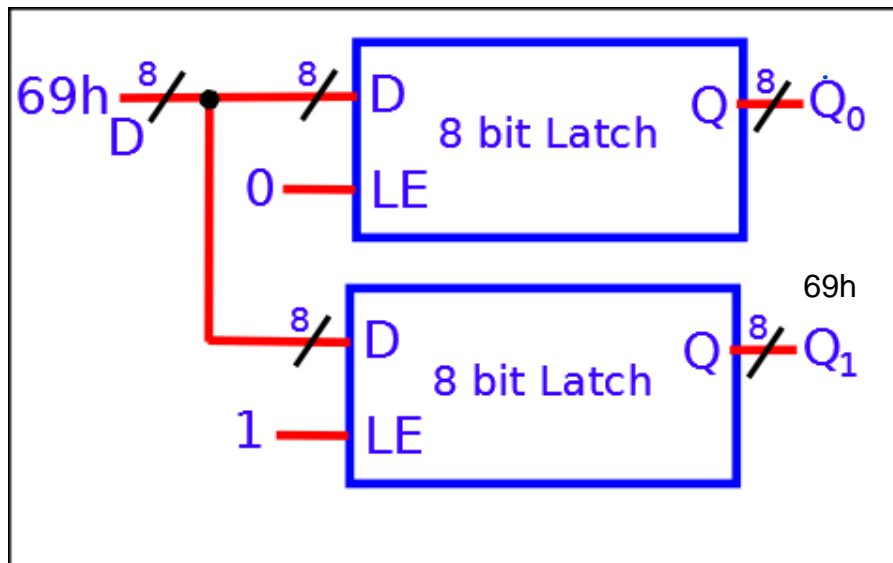
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## Digital Electronics Problem – 81

### Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.




**Question 1: Data 69h will be stored in**

1. Q0
2. Q1
3. Q0 & Q1
4. None



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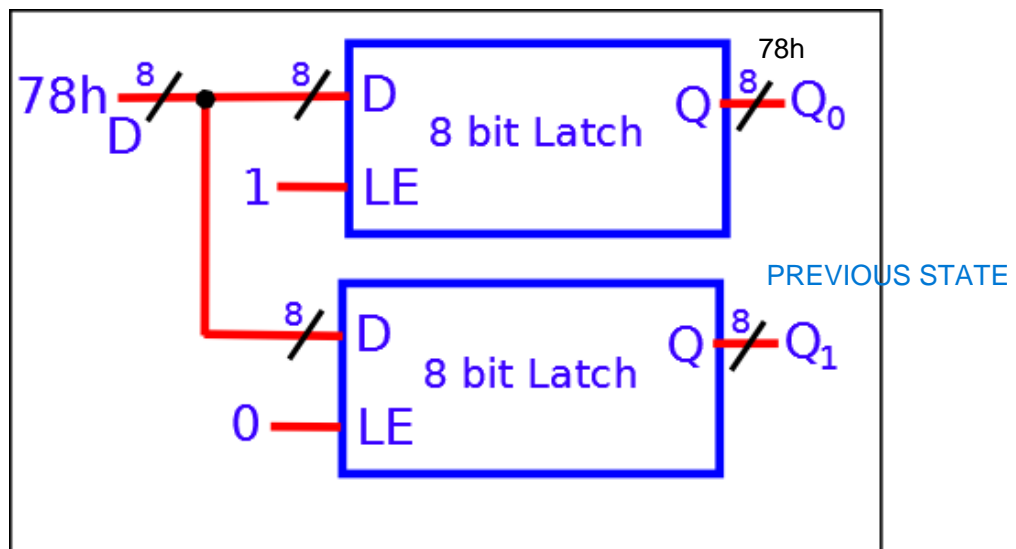
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## Digital Electronics Problem – 82

### Instructions:

1. Do not discuss with any one while solving the problems
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5. Do the problems in an easy way.




**Question 2: Data 78h will be stored in**

- ☒ 1. Q0
2. Q1
3. Q0 & Q1
4. None



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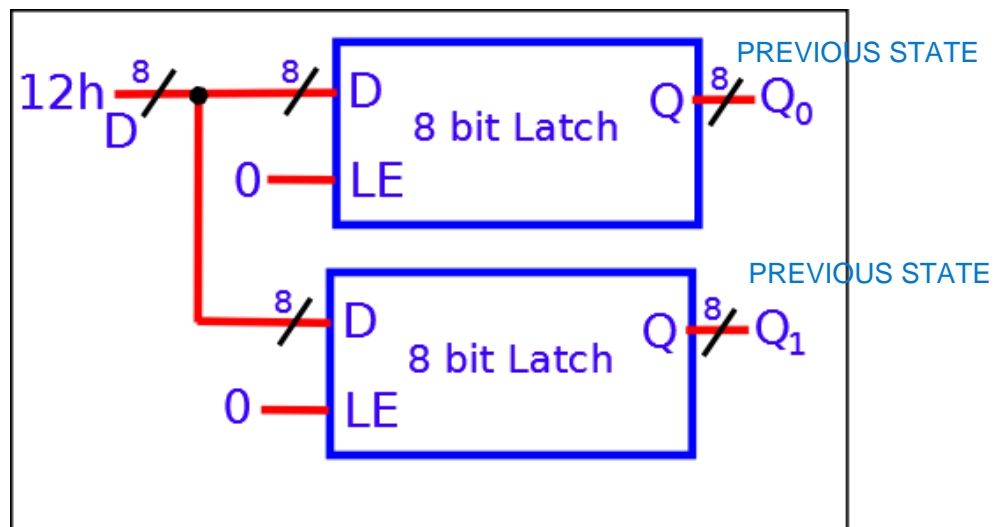
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## Digital Electronics Problem – 83

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5. Do the problems in an easy way.




**Question 3: Data 12h will be stored in**

1. Q0
2. Q1
3. Q0 & Q1
4. None



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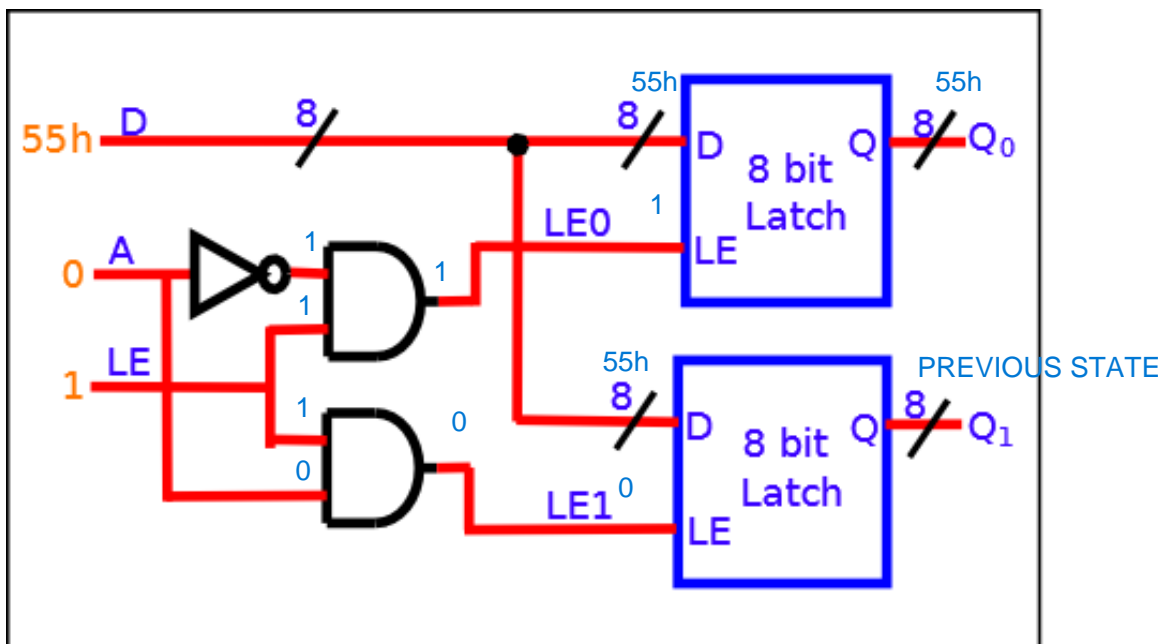
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## Digital Electronics Problem – 84

### Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.




**Question 4: Data 55h will be stored in**

- ☒ 1. Q0
2. Q1
3. Q0 & Q1
4. None



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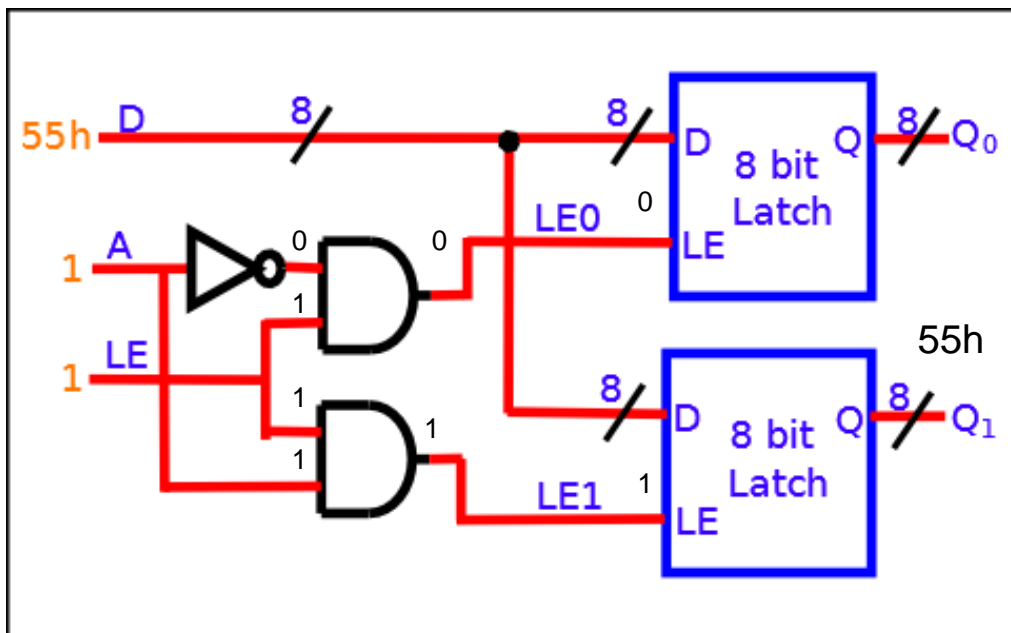
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## Digital Electronics Problem – 85

### Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.




**Question 5: Data 55h will be stored in**

1. Q0
2. Q1
3. Q0 & Q1
4. None



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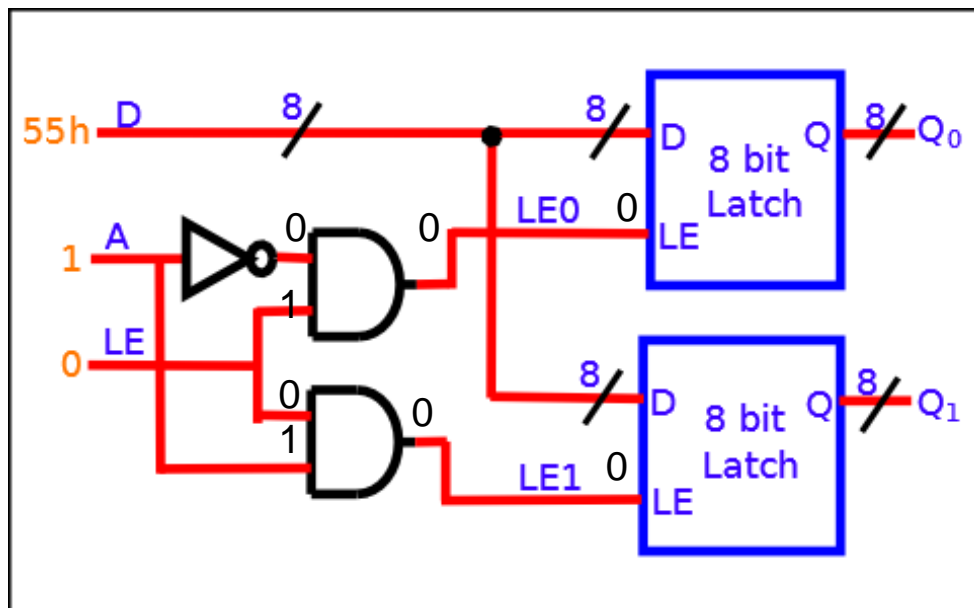
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## Digital Electronics Problem – 86

### Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.




**Question 6: Data 55h will be stored in**

1. Q0
2. Q1
3. Q0 & Q1
- ☒ 4. None



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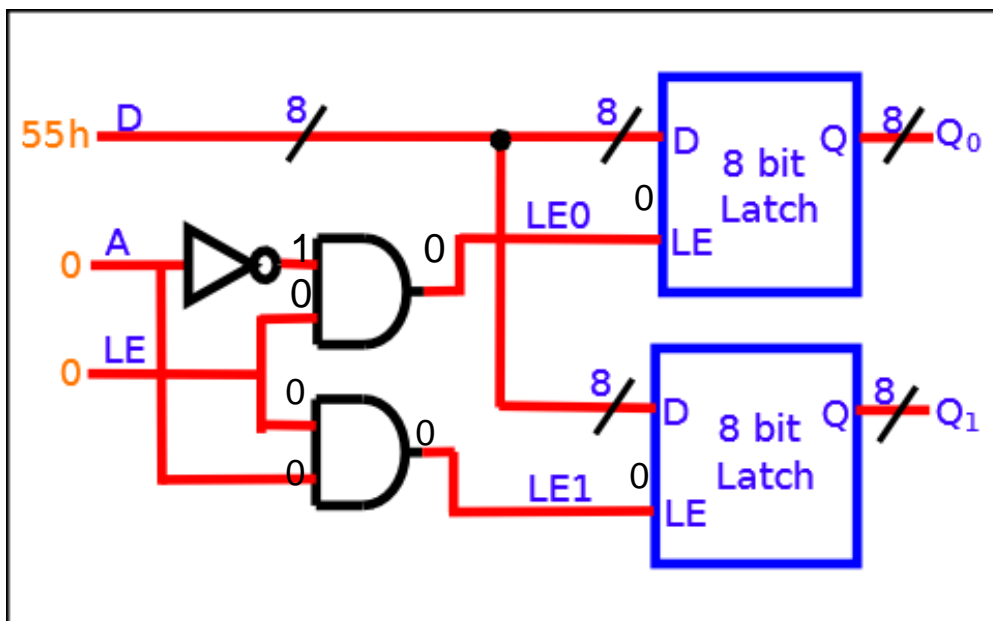
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## Digital Electronics Problem – 87

### Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.



**Question 7: Data 55h will be stored in**

1. Q0
2. Q1
3. Q0 & Q1
4. None



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**Instructions:**

- 
- The diagram illustrates a 2-bit counter using two 8-bit latches. The first latch's D input is connected to a constant '0' through an inverter. Its LE input is connected to the output of an AND gate. The second latch's D input is connected to the output of the first latch. Its LE input is connected to the output of another AND gate. The AND gates have inputs from a '33h' signal (labeled 'D') and a '0' signal (labeled 'A'). The outputs of the AND gates are labeled 'WR0' and 'WR1' respectively. The outputs of the latches are labeled 'Q0' and 'Q1'.


1. Q0
2. Q1
3. Q0 & Q1
4. None





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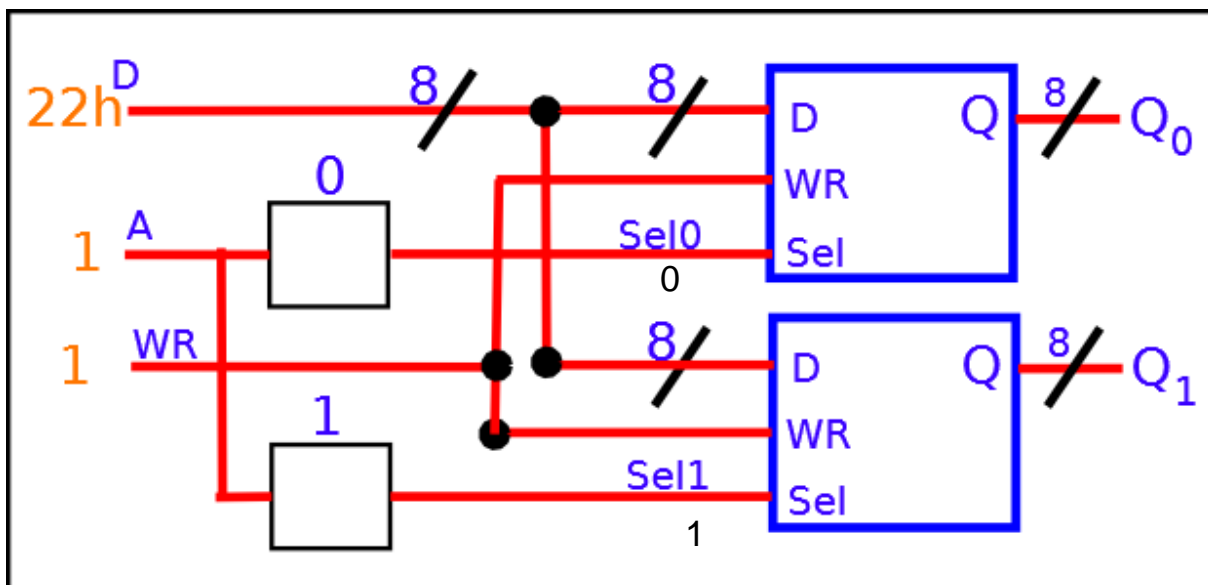
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## Digital Electronics Problem – 89

### Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.




**Question 9: Data 22h will be stored in**

1. Q0
- ☒ 2. Q1
3. Q0 & Q1
4. None



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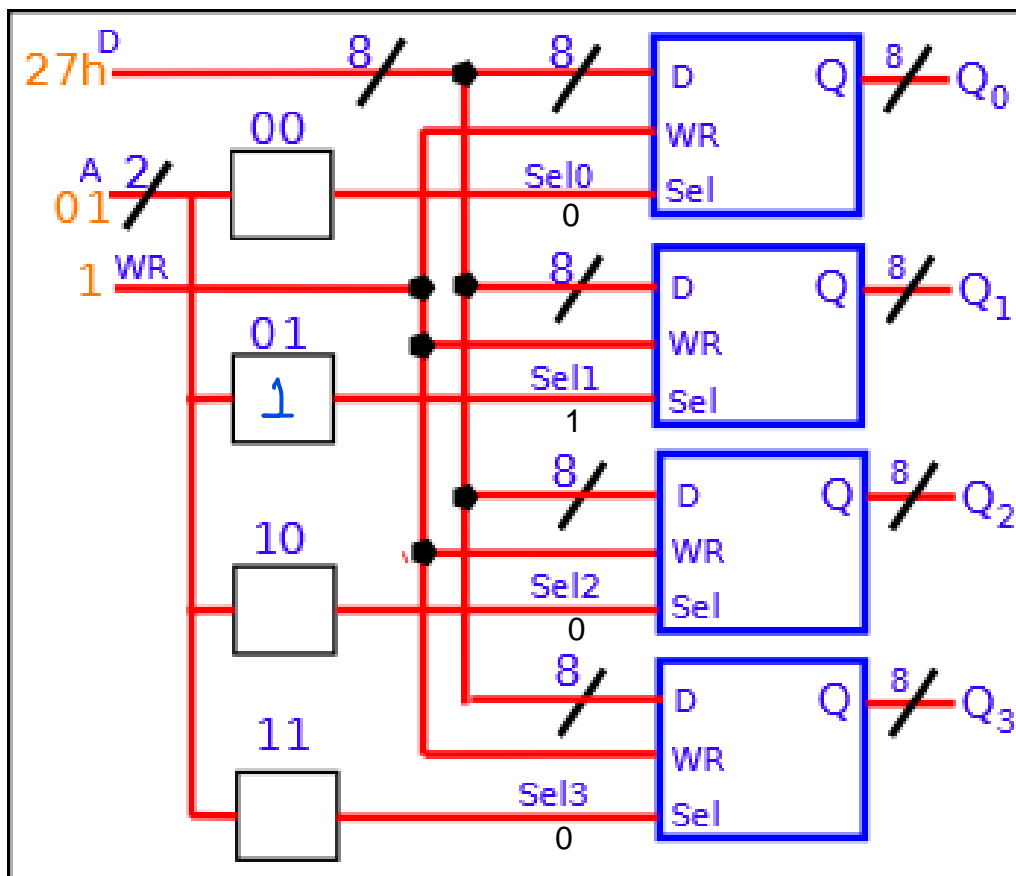
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## Digital Electronics Problem – 90

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.



**Question 10: Data 22h will be stored in**

1. Q0
- ☒ 2. Q1
3. Q2
4. Q3
5. None