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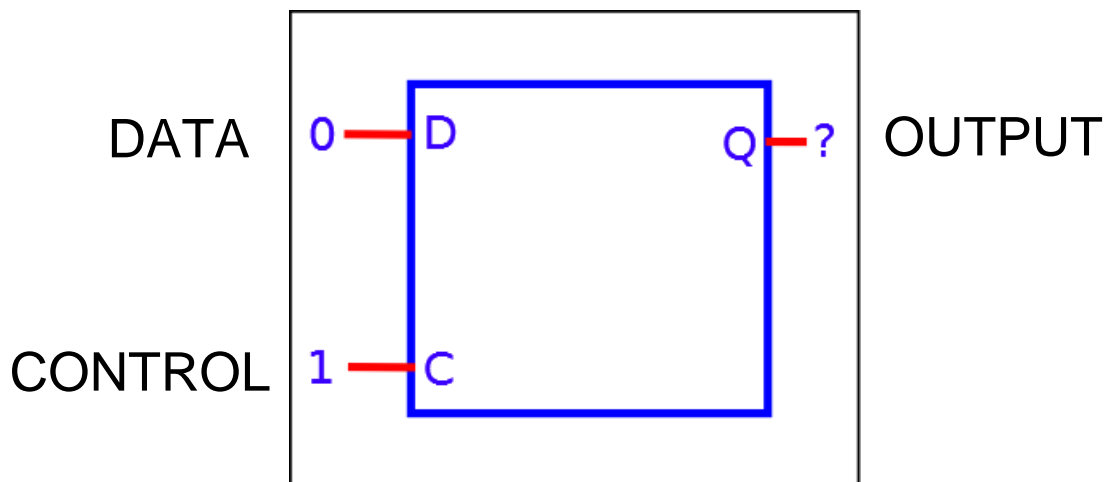
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Digital Electronics Problem – 51

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.



What is the value of Q?

1. 0
2. 1
3. Previous State
4. unknown

$Q = 0$



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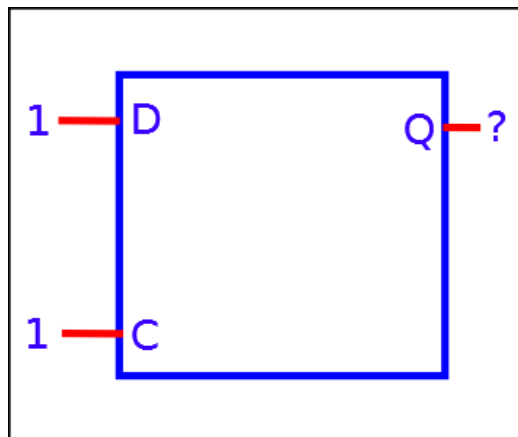
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Digital Electronics Problem – 52

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What is the value of Q?

1. 0
2. 1
3. Previous State
4. unknown

$$Q = 1$$



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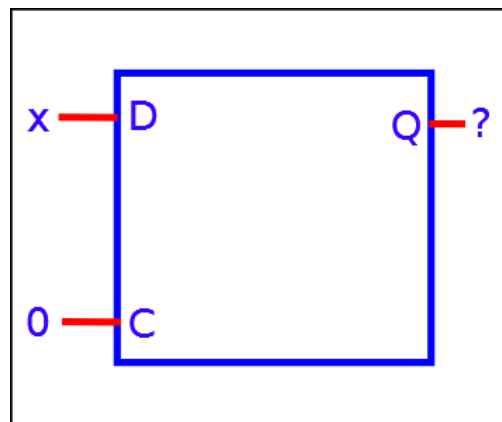
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Digital Electronics Problem – 53

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



What is the Value of Q


1. 0
2. 1
3. Previous State
4. unknown

Q = Previous State



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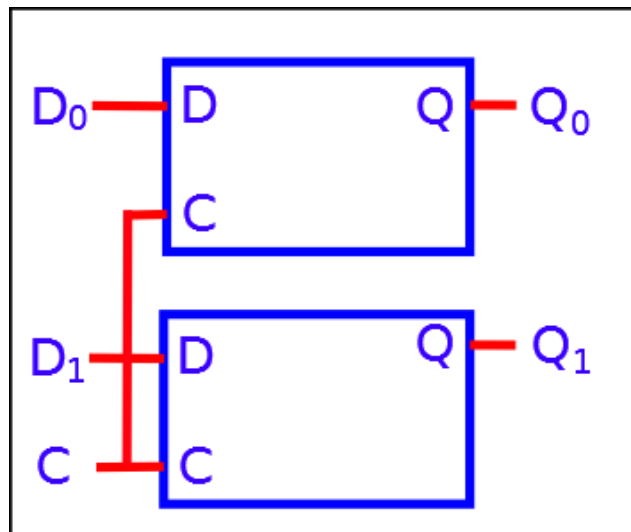
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Digital Electronics Problem – 54

Instructions:

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



What is the Value of Q (Q1 Q0) if D (D1 D0) is 0 1 and C is 1

1. 0 0
2. 0 1
3. Previous State
4. unknown

Q1 = 0

Q0 = 1



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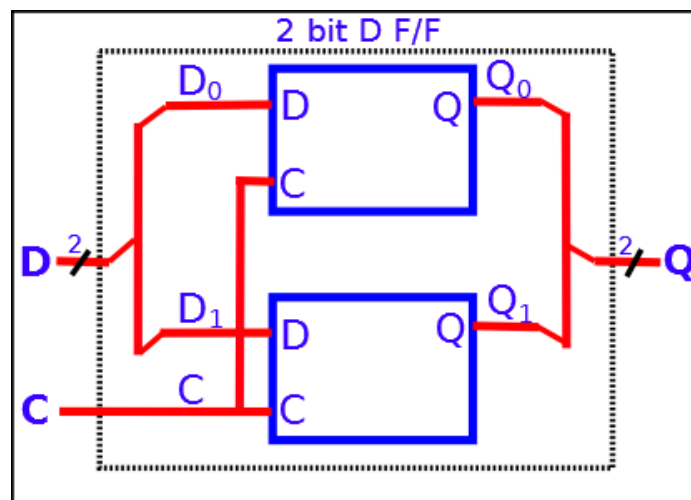
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Digital Electronics Problem – 55

Instructions:

1. Do not discuss with any one while solving the problems
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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.



What is the Value of Q if D is 10 and C is 1

1. 00
2. 10
3. Previous State
4. unknown

$$\begin{aligned} Q_1 &= 1 \\ Q_0 &= 0 \\ Q &= 10 \end{aligned}$$



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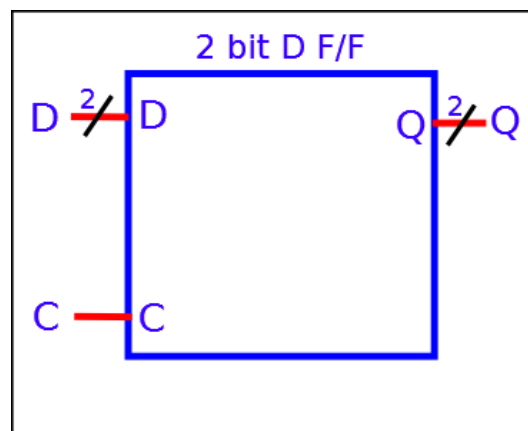
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Digital Electronics Problem – 56

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.



What is the Value of Q if D is 10 and C is 0

1. 00
2. 10
3. Previous State
4. unknown

Q = Previous State



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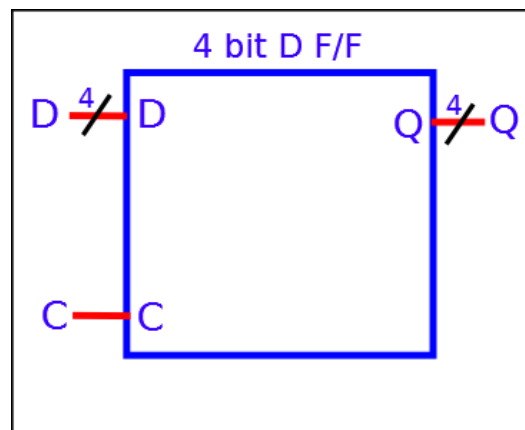
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Digital Electronics Problem – 57

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.



What is the Value of Q if D is 1010 and C is 1


1. 0101
2. 1010
3. Previous State
4. unknown

Q = 1010



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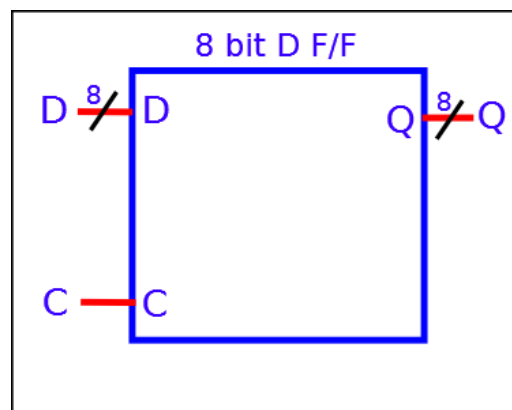
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Digital Electronics Problem – 58

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.



What is the Value of Q if D is 10101010 and C is 1

1. 01010101
2. 10101010
3. Previous State
4. unknown

Q = 10101010



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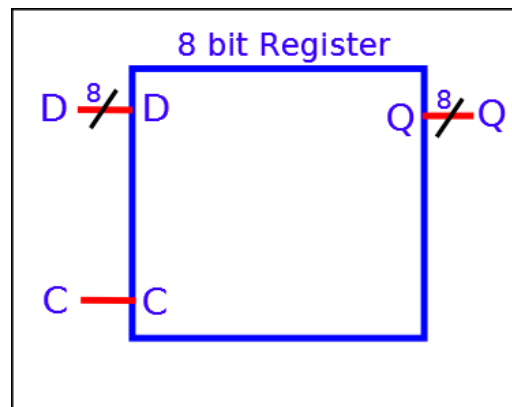
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Digital Electronics Problem – 59

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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.



What is the Value of Q if D is 10101010 and C is 0


1. 01010101
2. 10101010
3. Previous State
4. unknown

Q = Previous State



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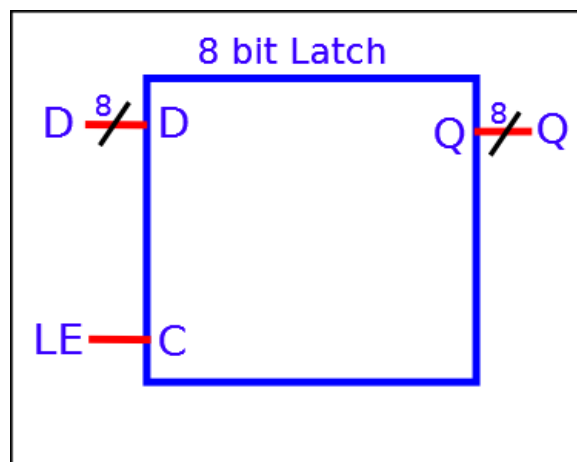
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Digital Electronics Problem – 60

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What is the Value of Q if D is 01010101 and C is 1

1. 01010101
2. 10101010
3. Previous State
4. unknown

Q = 01010101