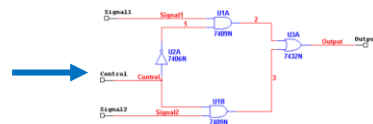
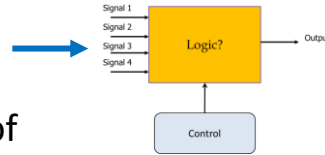


Homework 9

Due Tuesday 17th November

- Use the knowledge that I have provided for you to construct a logic block that will allow for the selection of one of four inputs
- Draw the gate level circuit diagram
- Provide the Truth Table which demonstrates the function of your logic



Control	Signal 1	Signal 2	Output
0	0	0	0
0	0	1	0
0	1	0	1
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	0
1	1	1	1

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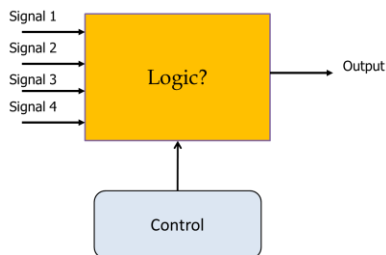
Slide 1

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Homework 9

Due Tuesday 17th November

- Also provide a written explanation of how your circuit works



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