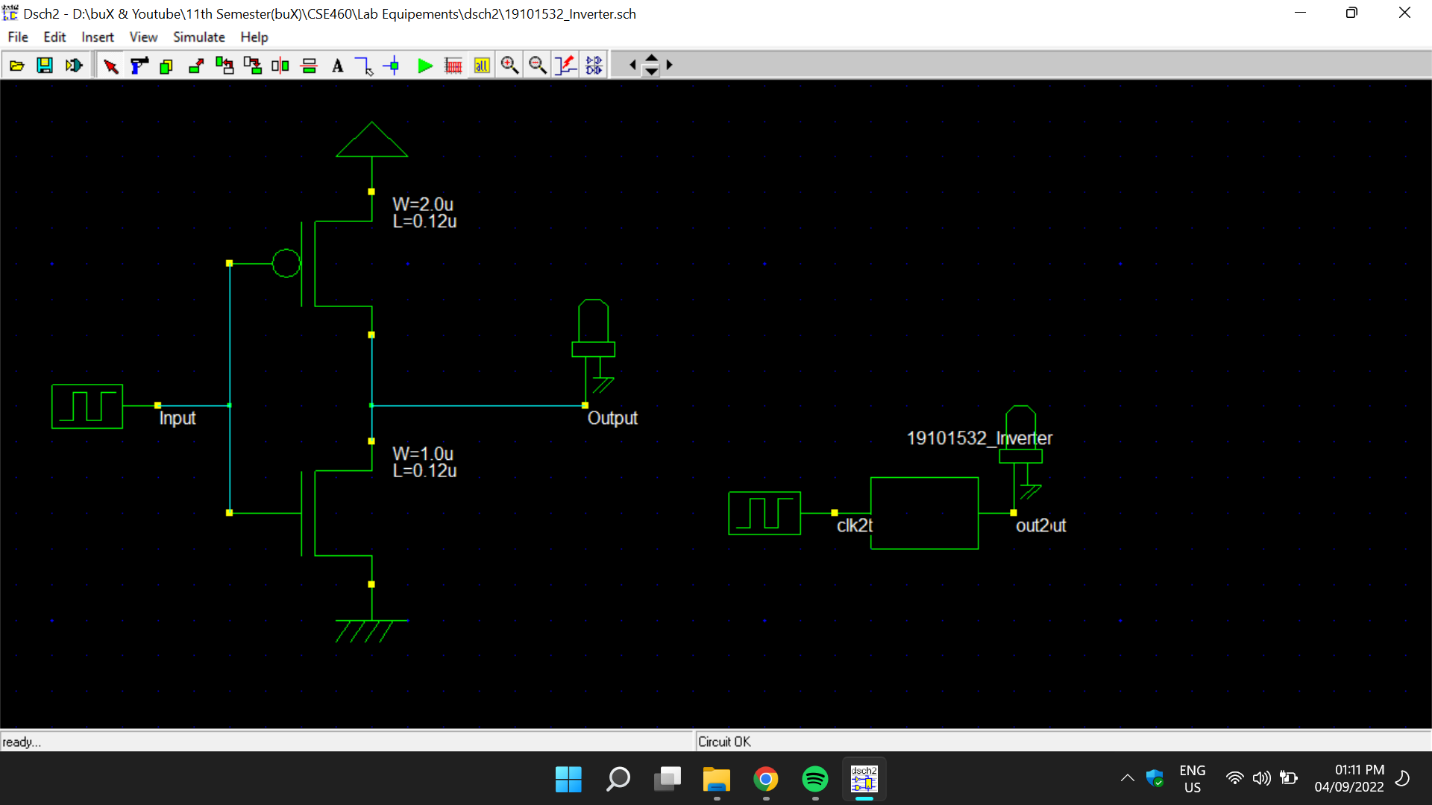
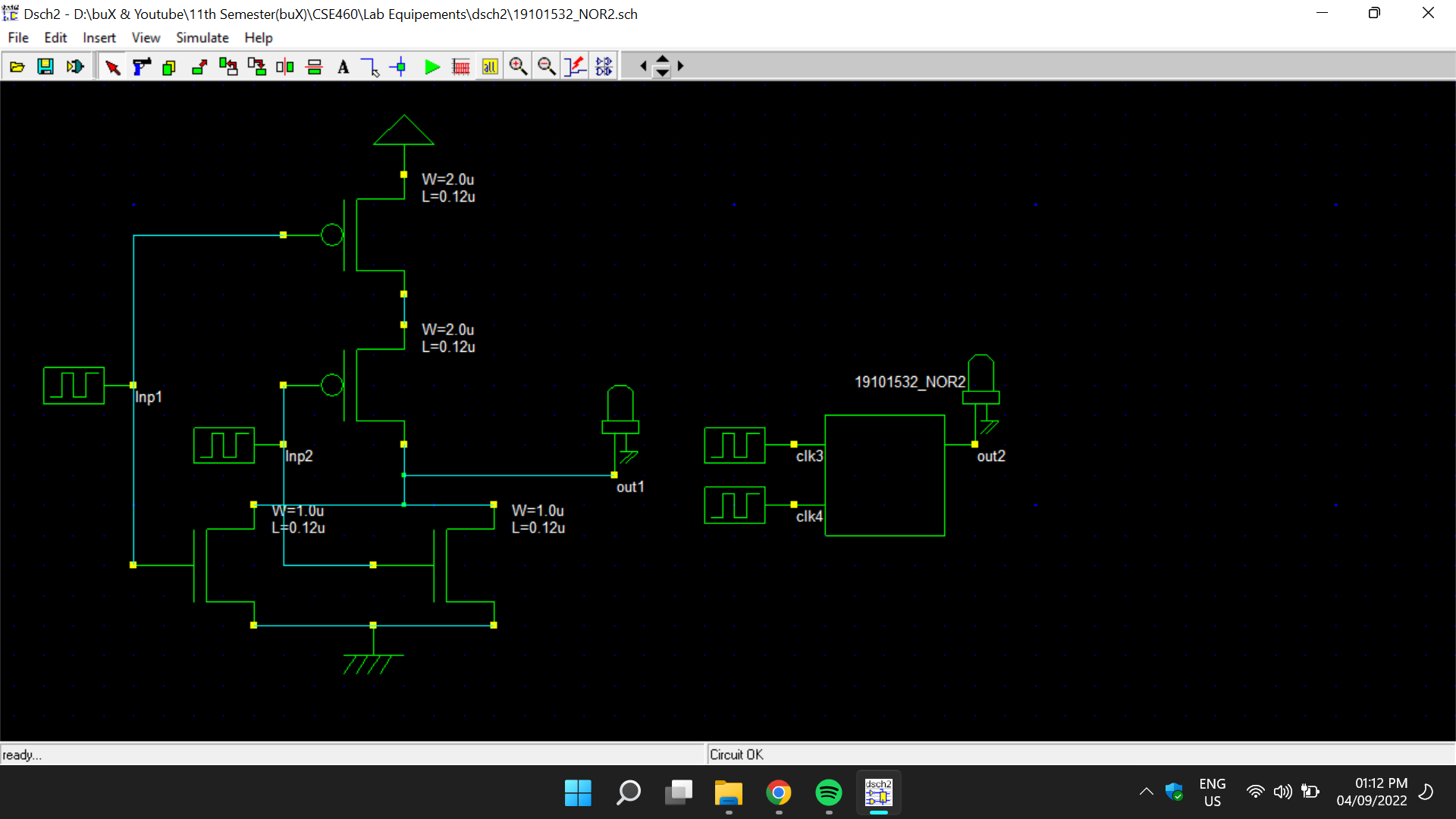
**Assignment 3**

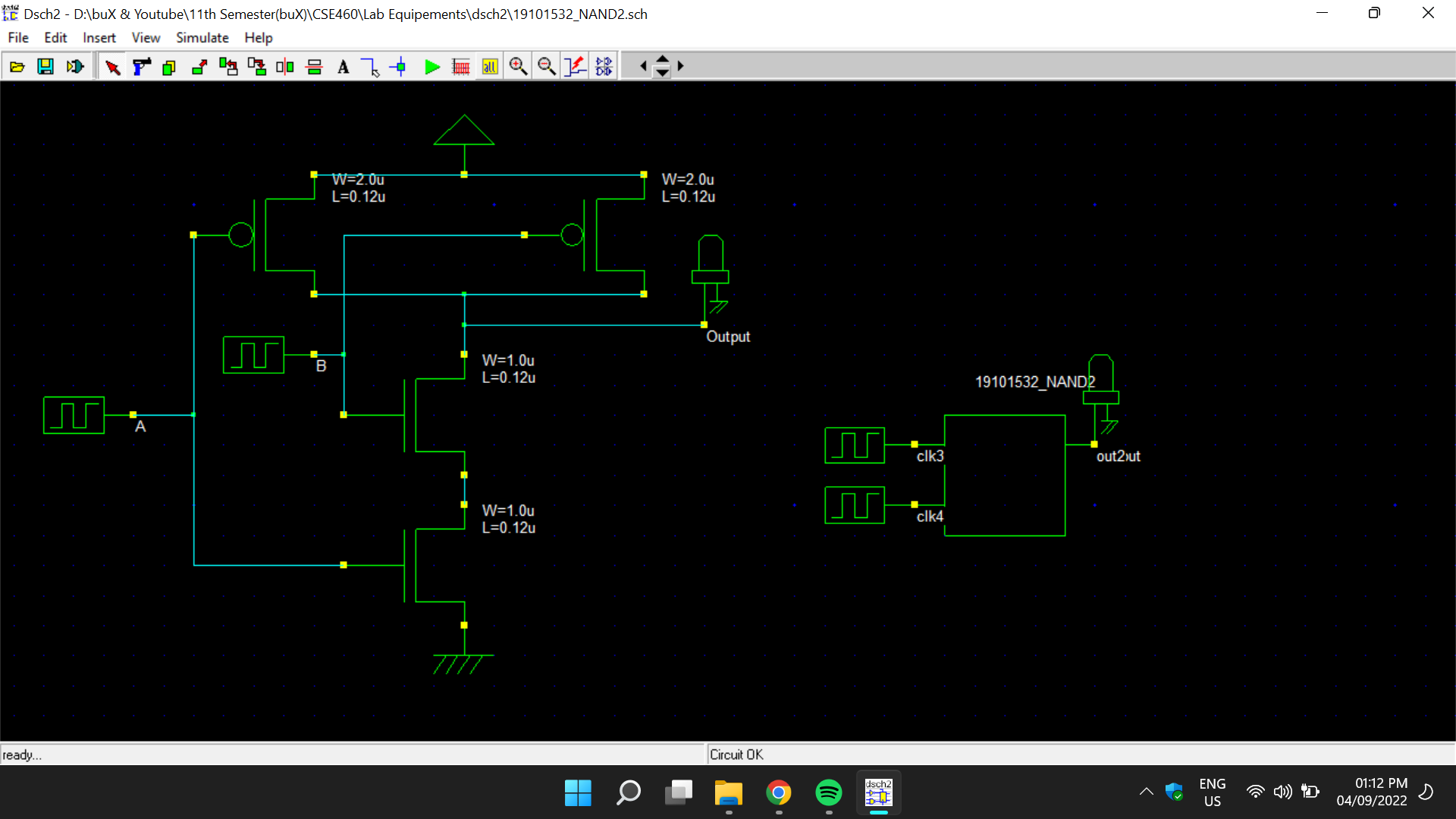
**Inverter:**



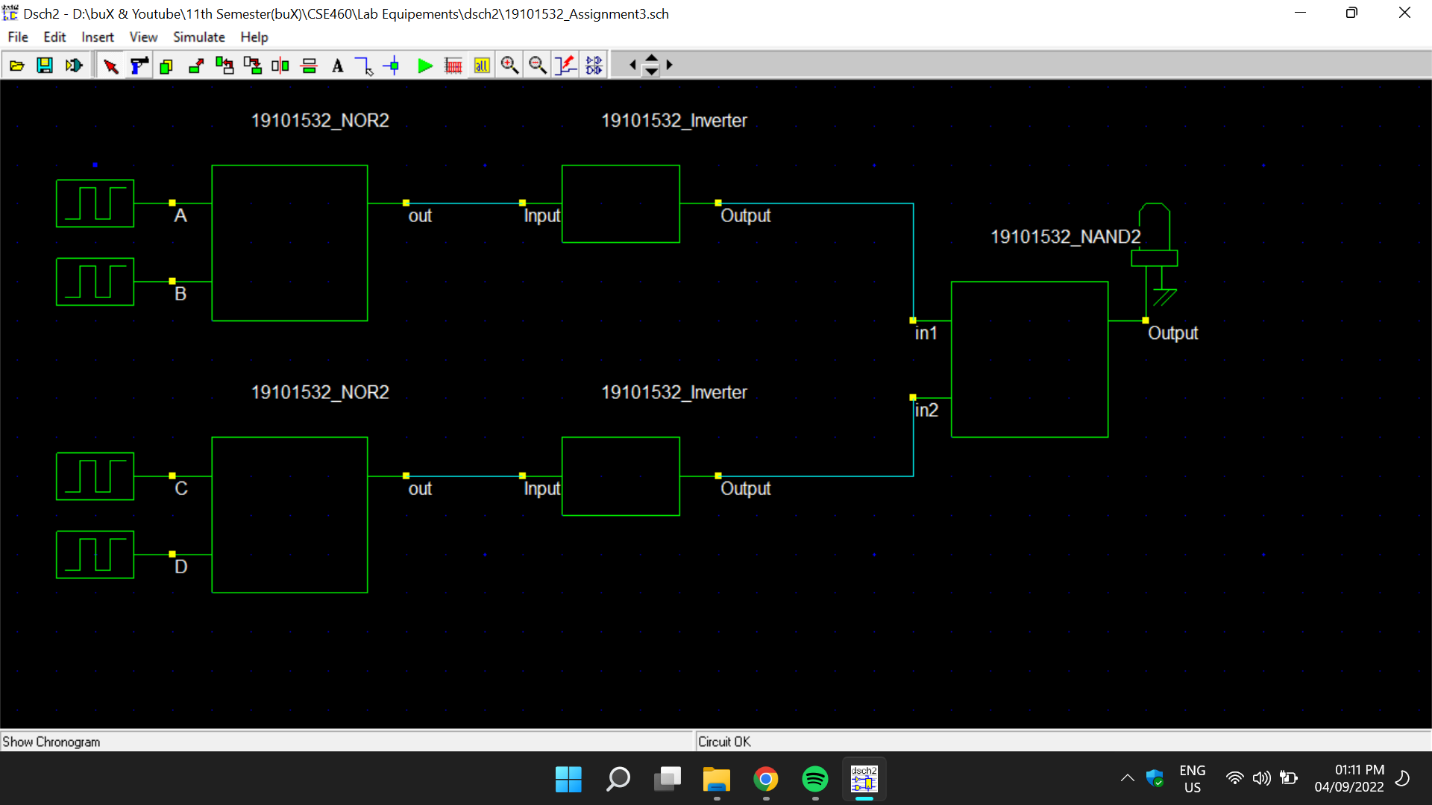
**NOR2:**

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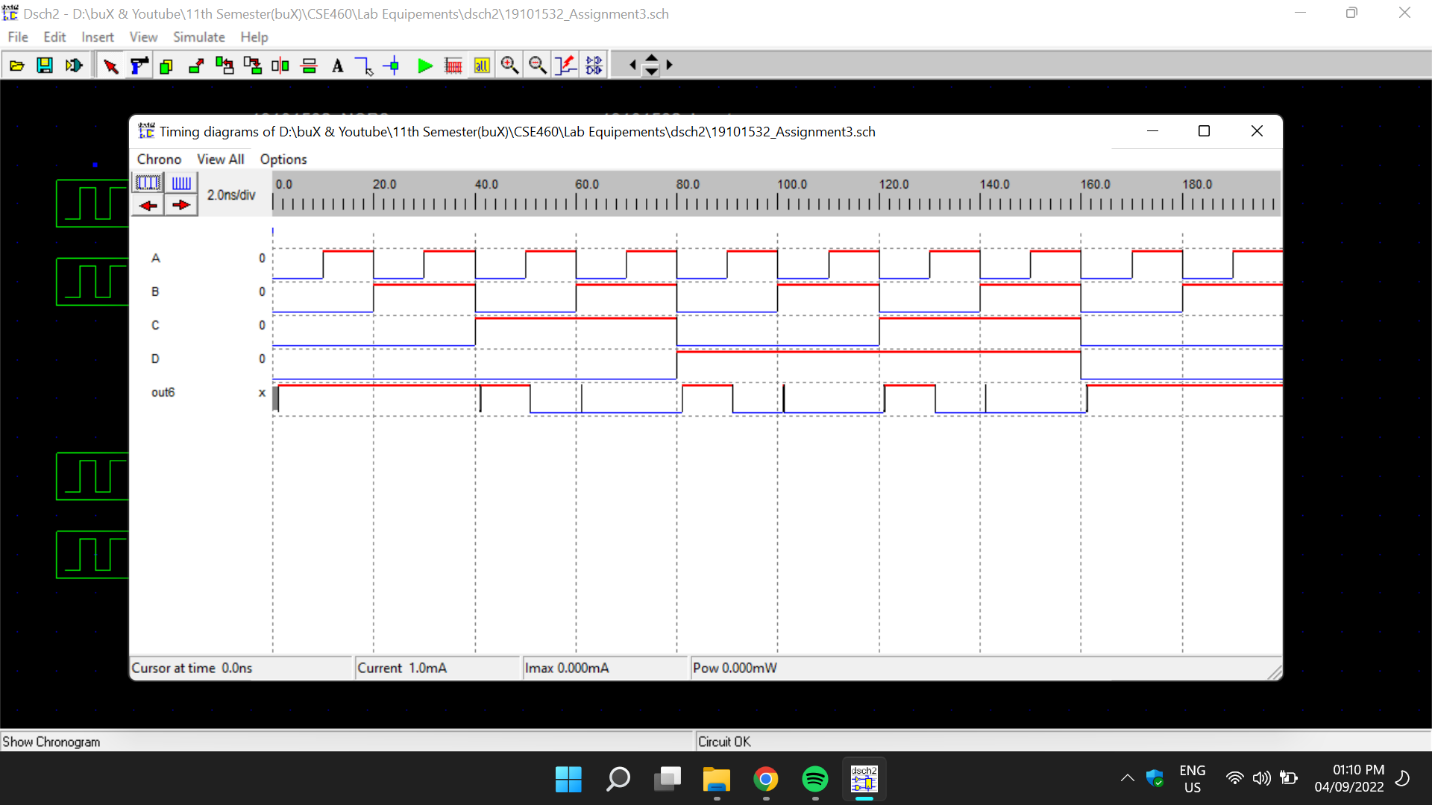
**NAND2:**

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**~((A+B)(C+D)):**

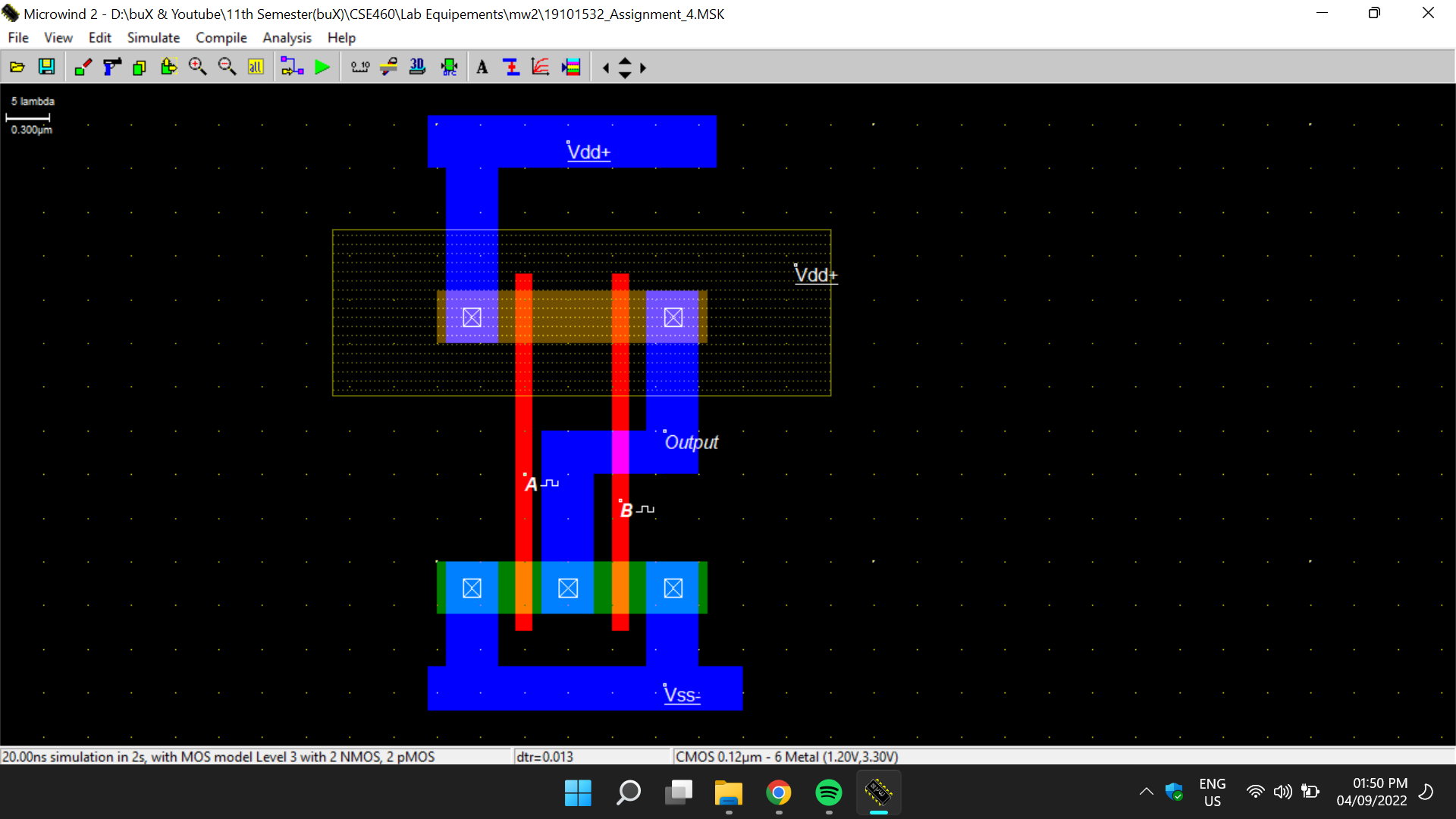
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**Timing Diagram:**

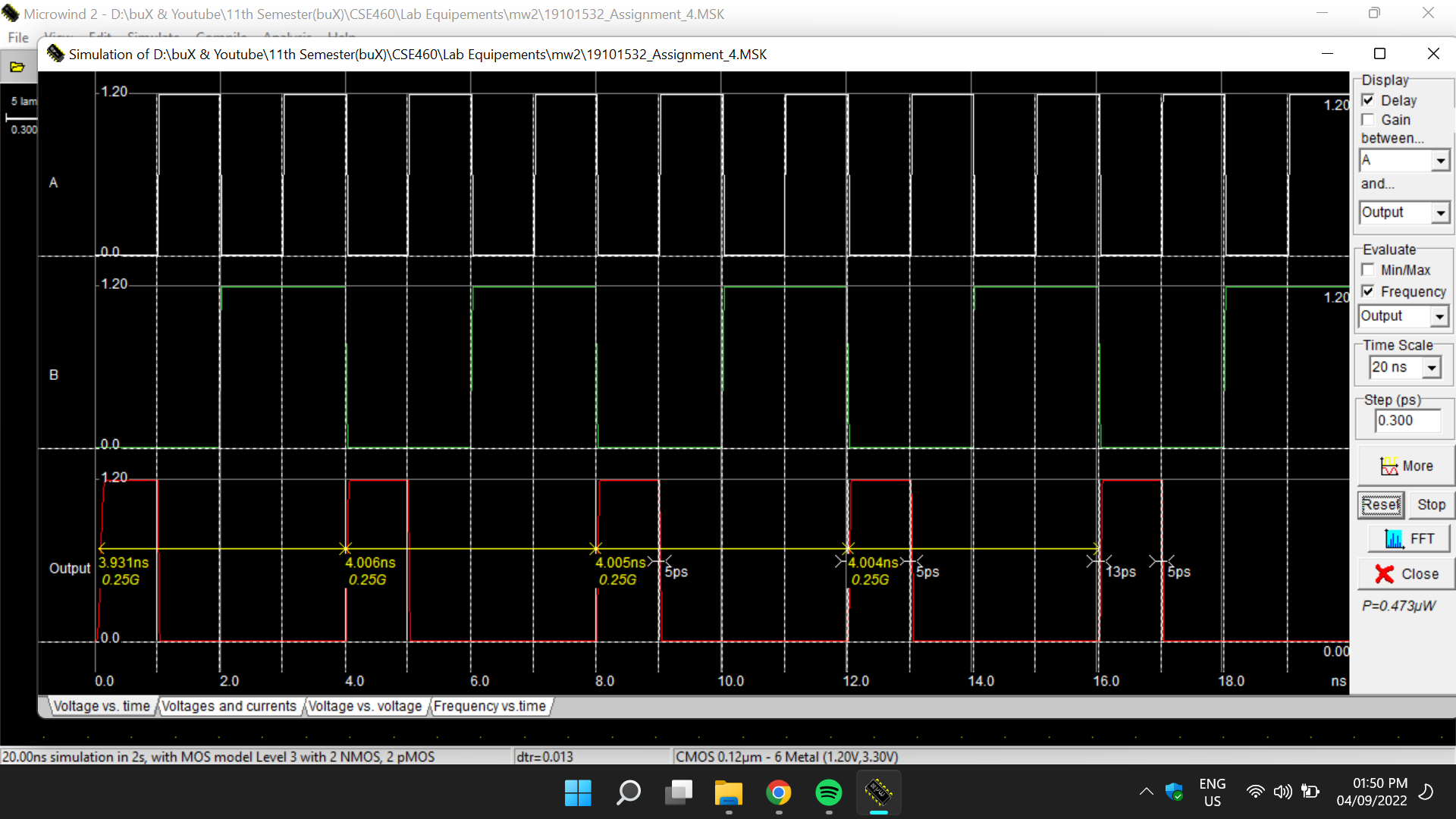
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**Assignment 4**

**Layout Design:**

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**Waveform:**

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