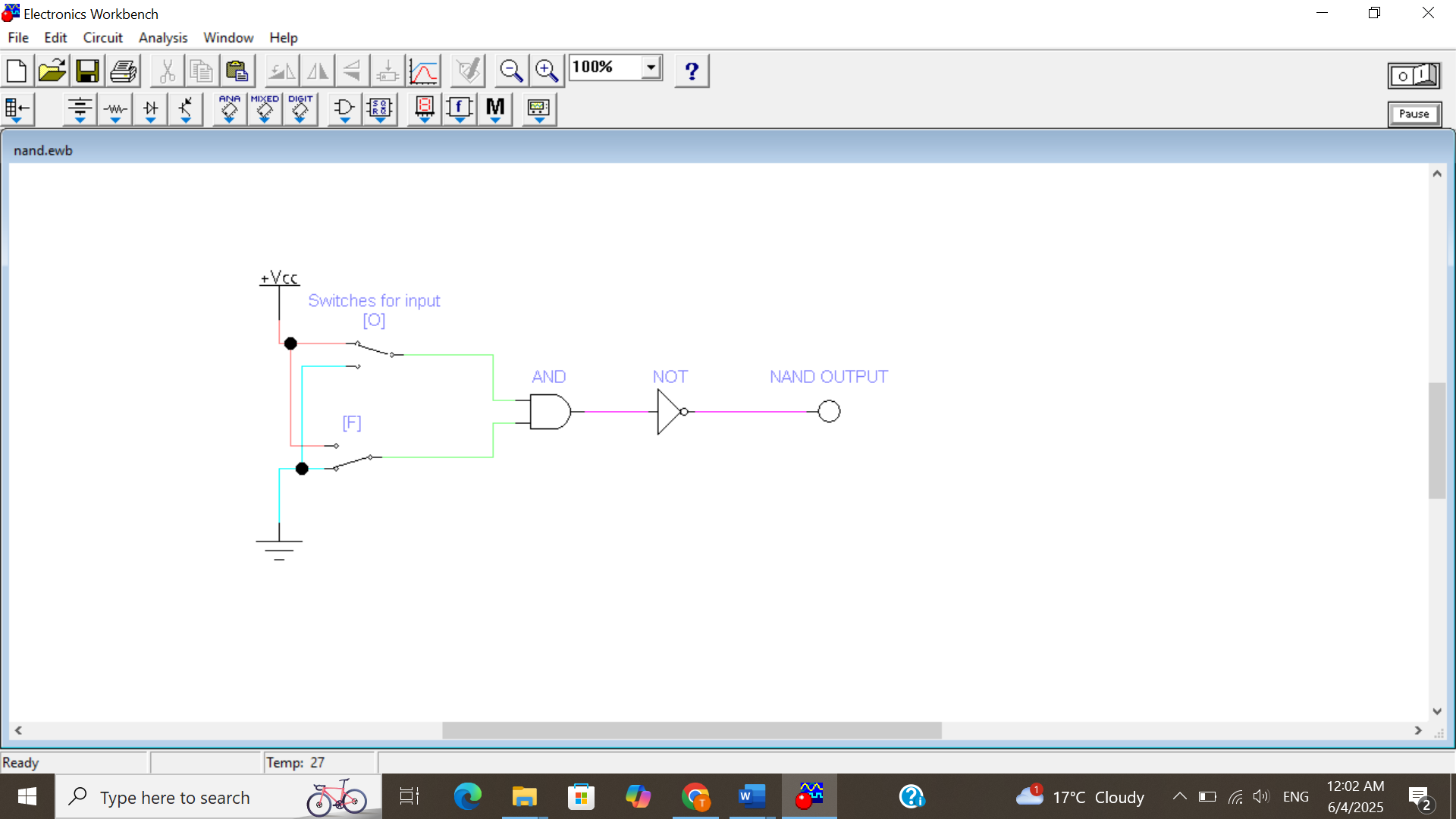
**THE UNIVERSITY OF AZAD JAMMU AND KASHMIR**



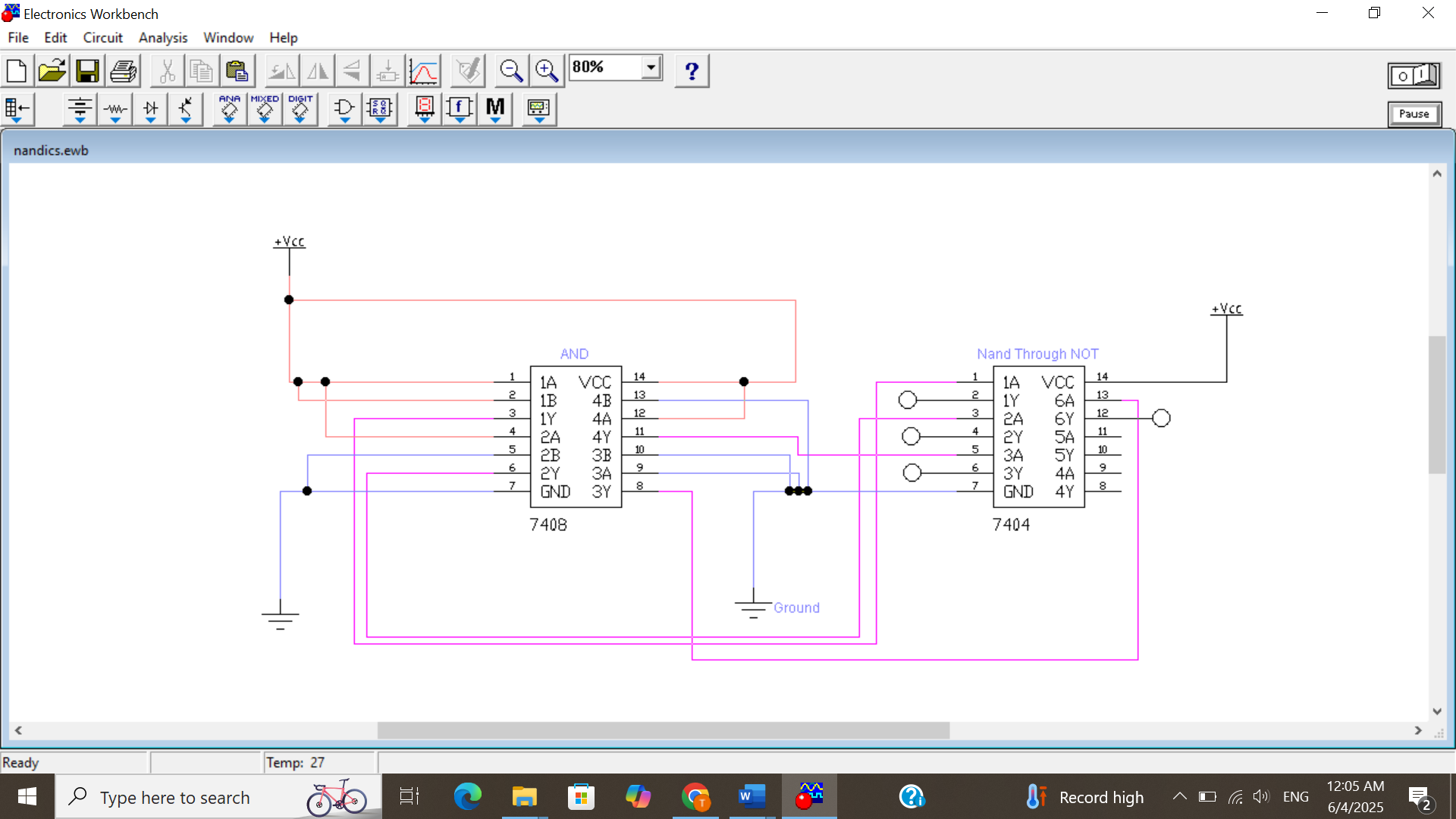
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| --- | --- |
| COURSE TITLE | CA&LD |
| COURSE CODE | CS-1205 |
| TITLE | Logic Gates |
| STUDENT NAME | Tayyab Hanif |
| STUDENT ROLL NUMBER | 2024-SE-11 |
| INSTRUCTOR NAME | Engr. Sidra Rafique |
| Lab No: | 03 |

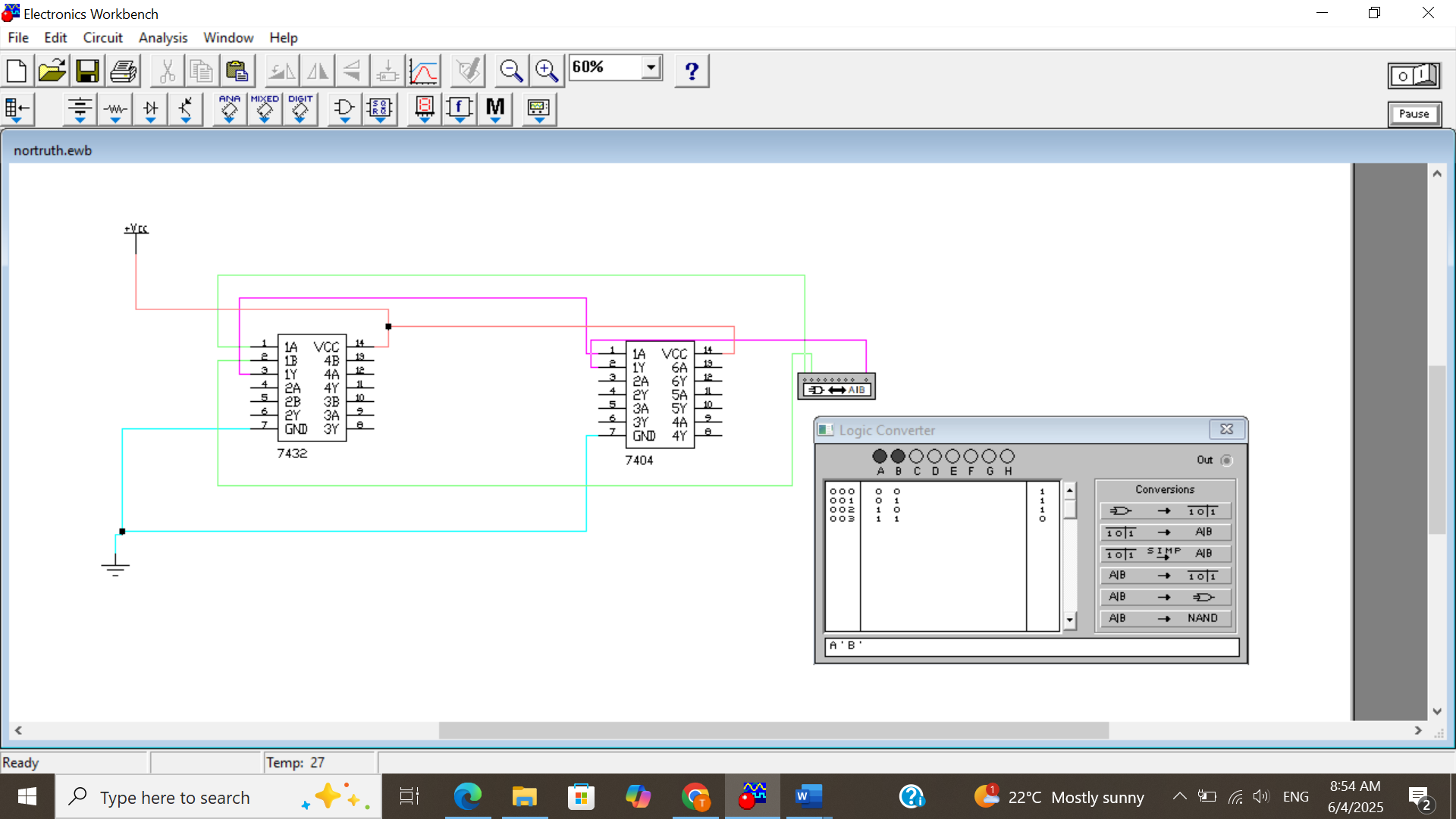
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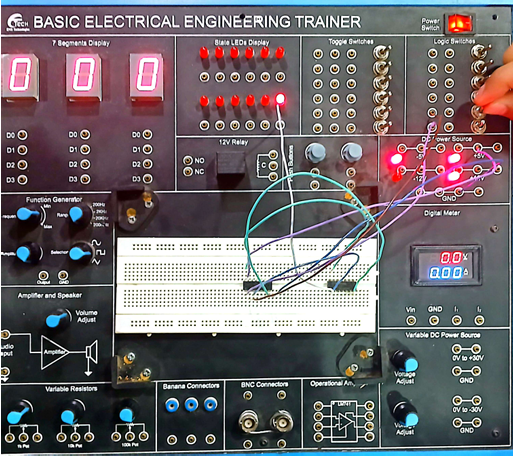
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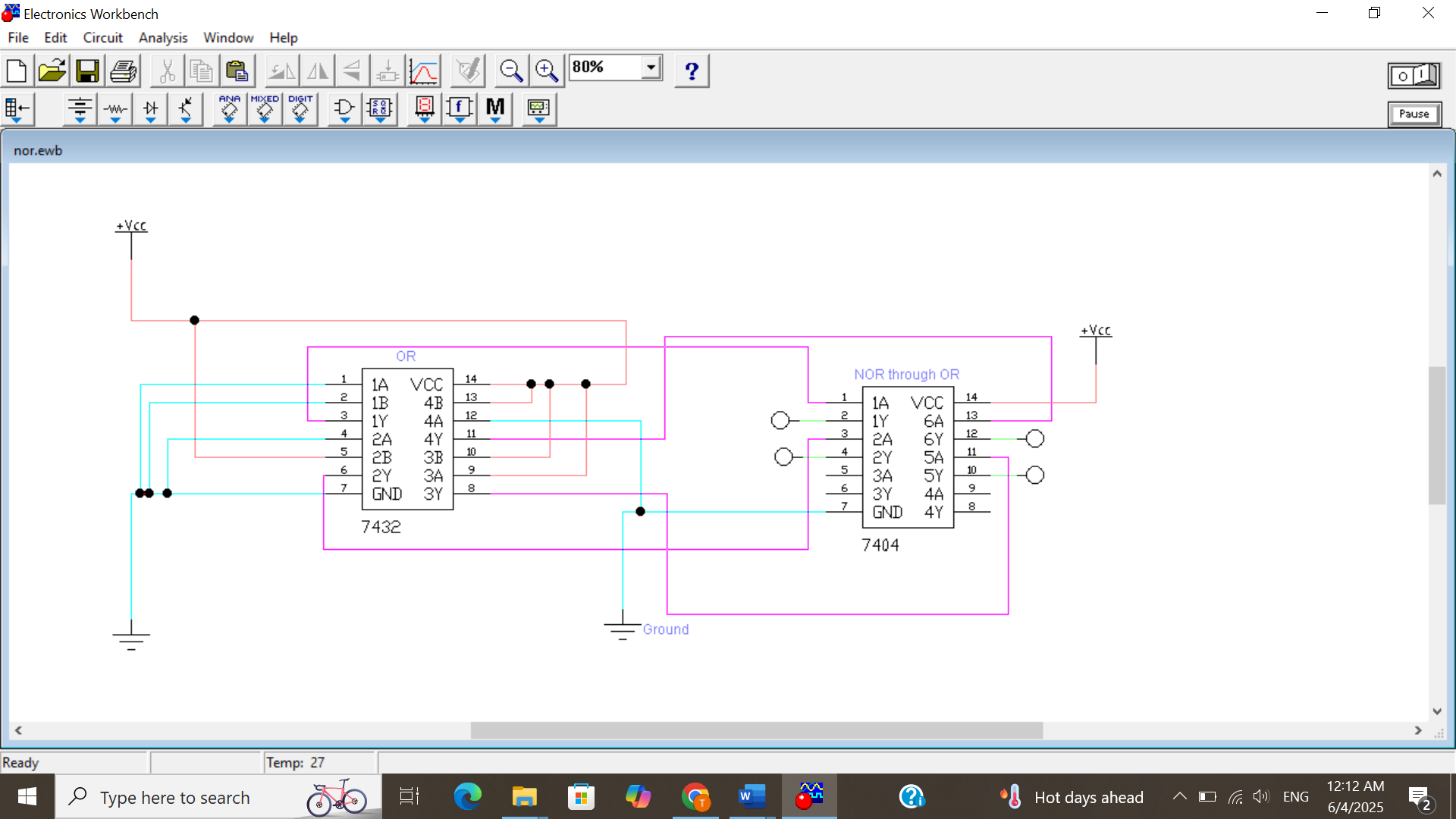
**NAND truth table:**



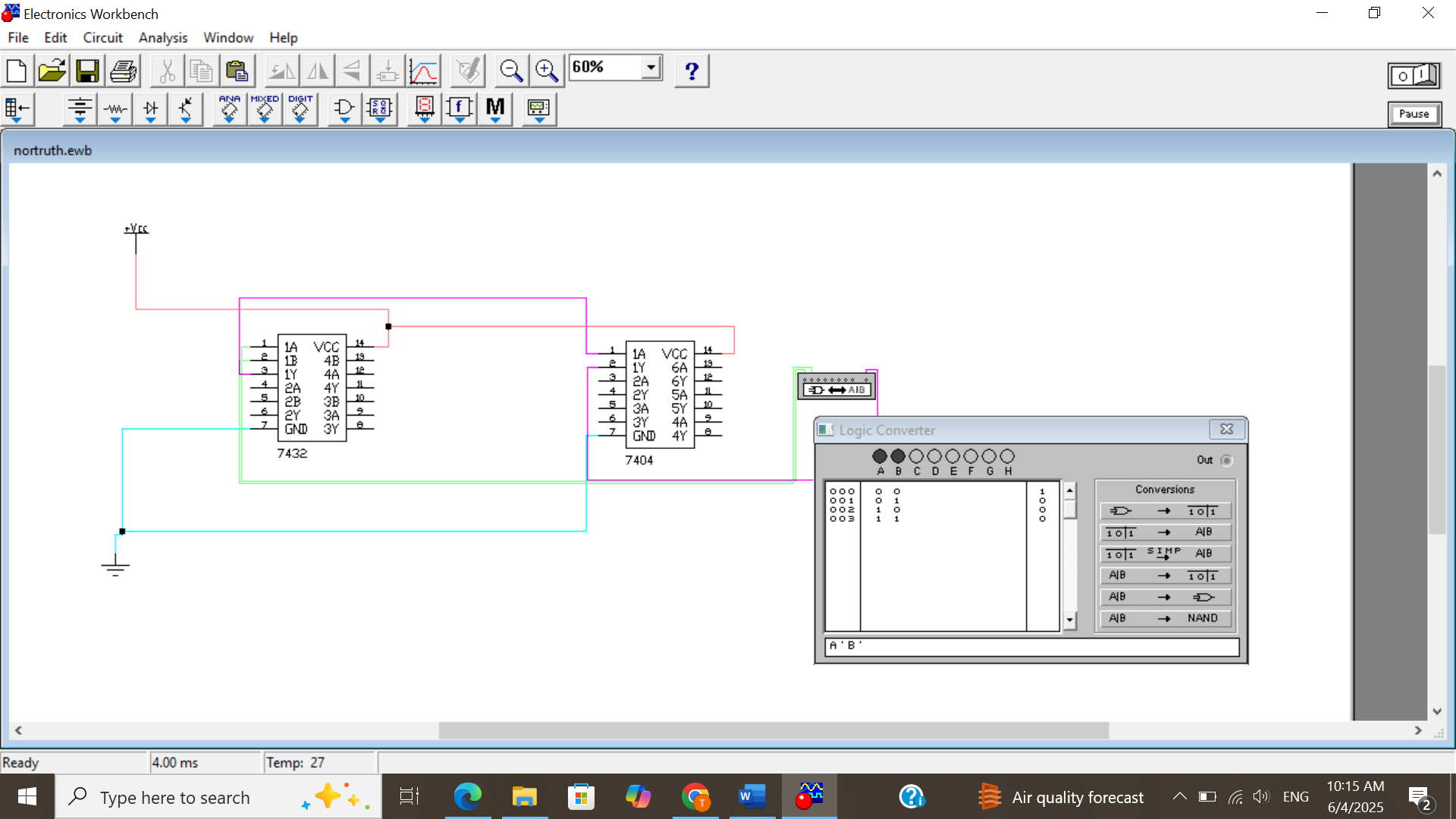
**Implementation**

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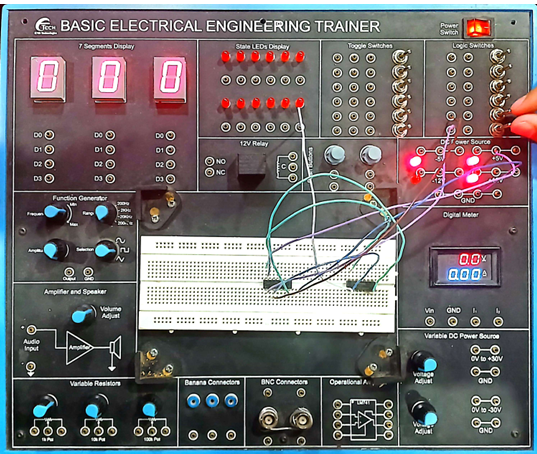
**NOR IC:**



**NOR truth table:**



**Implementation**

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