**NAME: ALEENA SAEED**

**COURSE TITLE: COMPUTER ARCHITECTURE**

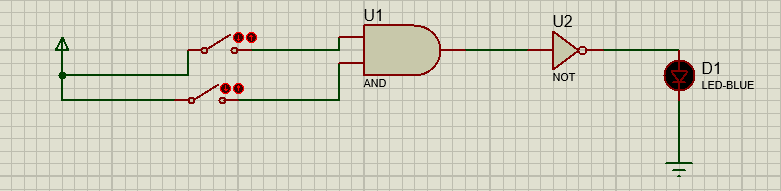
**DEPARTMENT: BSCS-4**

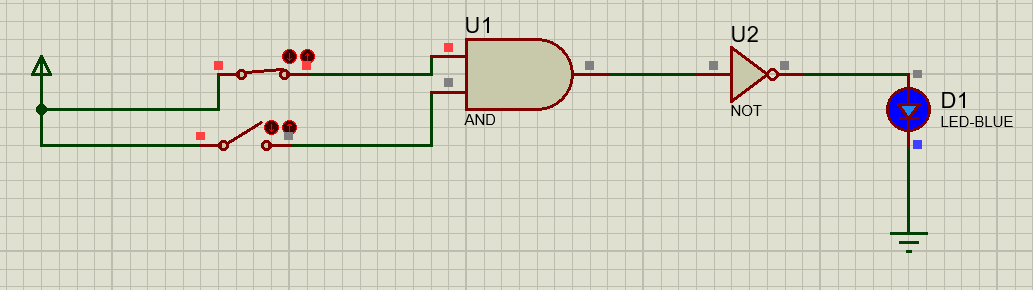
**SAP ID: 56270**

**WEEK-4**

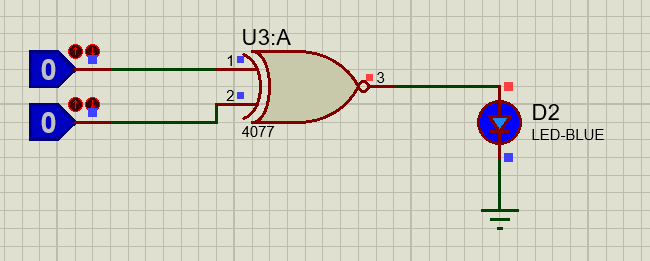
**TASK 1**

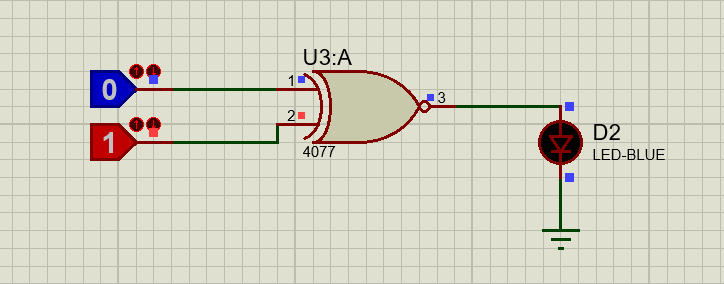
**NAND Gate Using Switches**





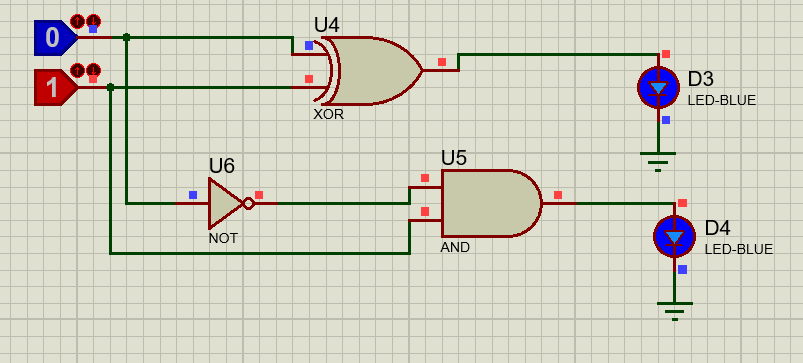
**TASK 2**

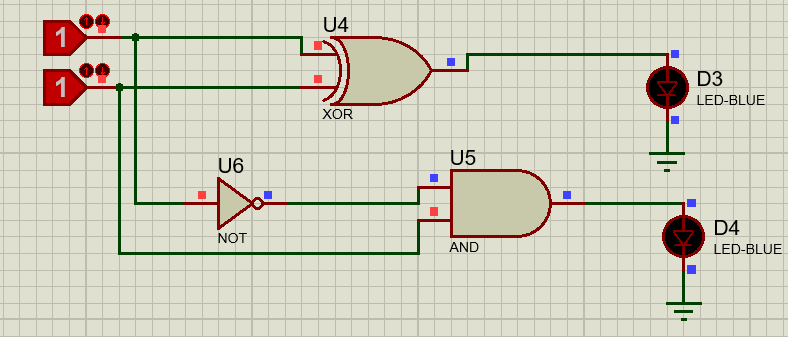
**XNOR Gate**



**TASK 3**

**Half Subtractor**

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