**Department of Electrical and Computer Engineering**

Author: Zainab Hussein

Title: MIPS Assembly Programming

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1. Time Spent: 8 Hours
2. Table 1
3. Testbench of the processor
4. Added datapath schematic adding ori and bne functionality
5. Commented code with ori and bne functionality highlighted
6. Memfile2 content
7. Testbench of the modified processor