Name: Dinyar Islam
GTID: 903586823

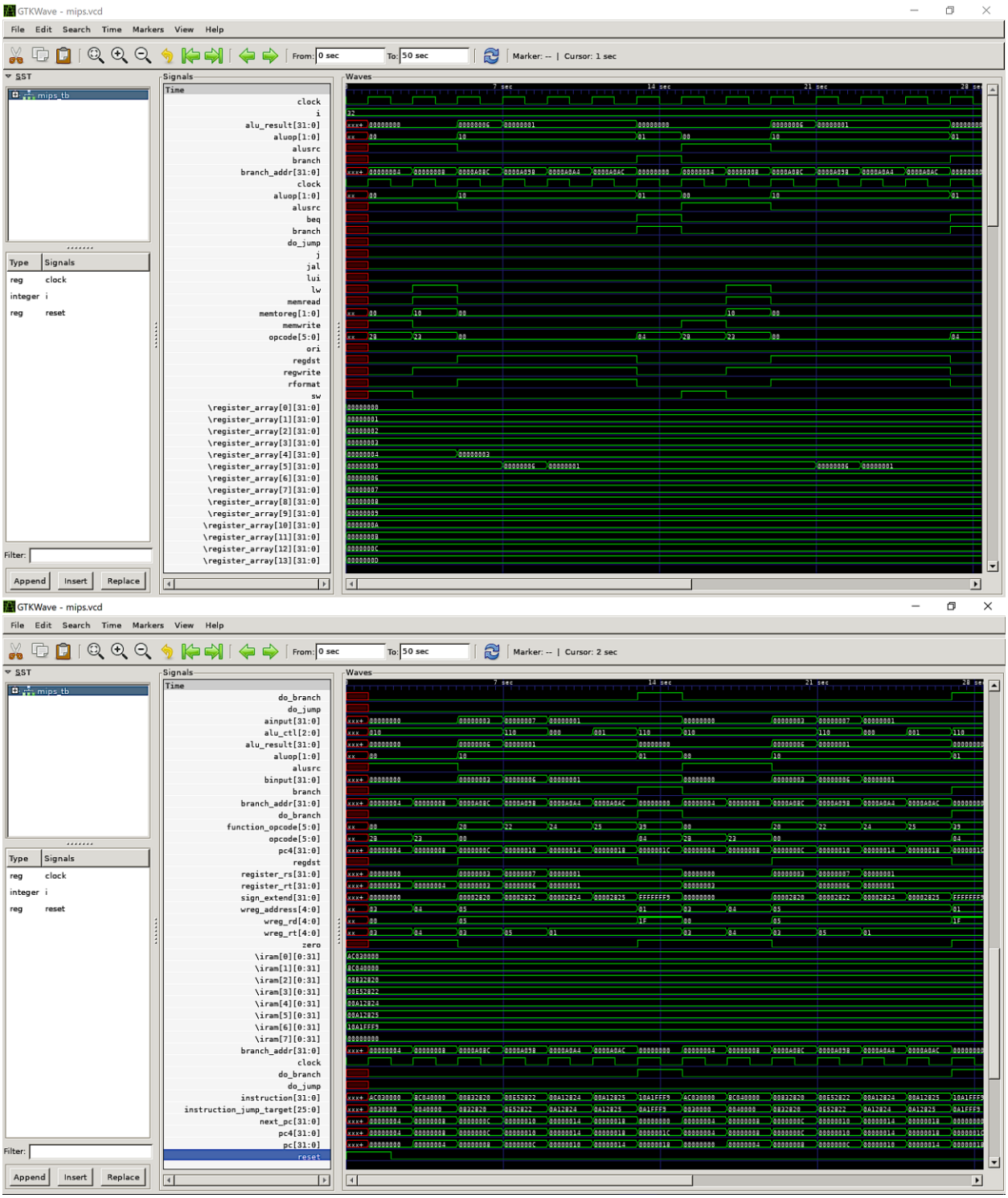

Figure 1. Lab 1 Q1: resulting waveform from running makefile initially.

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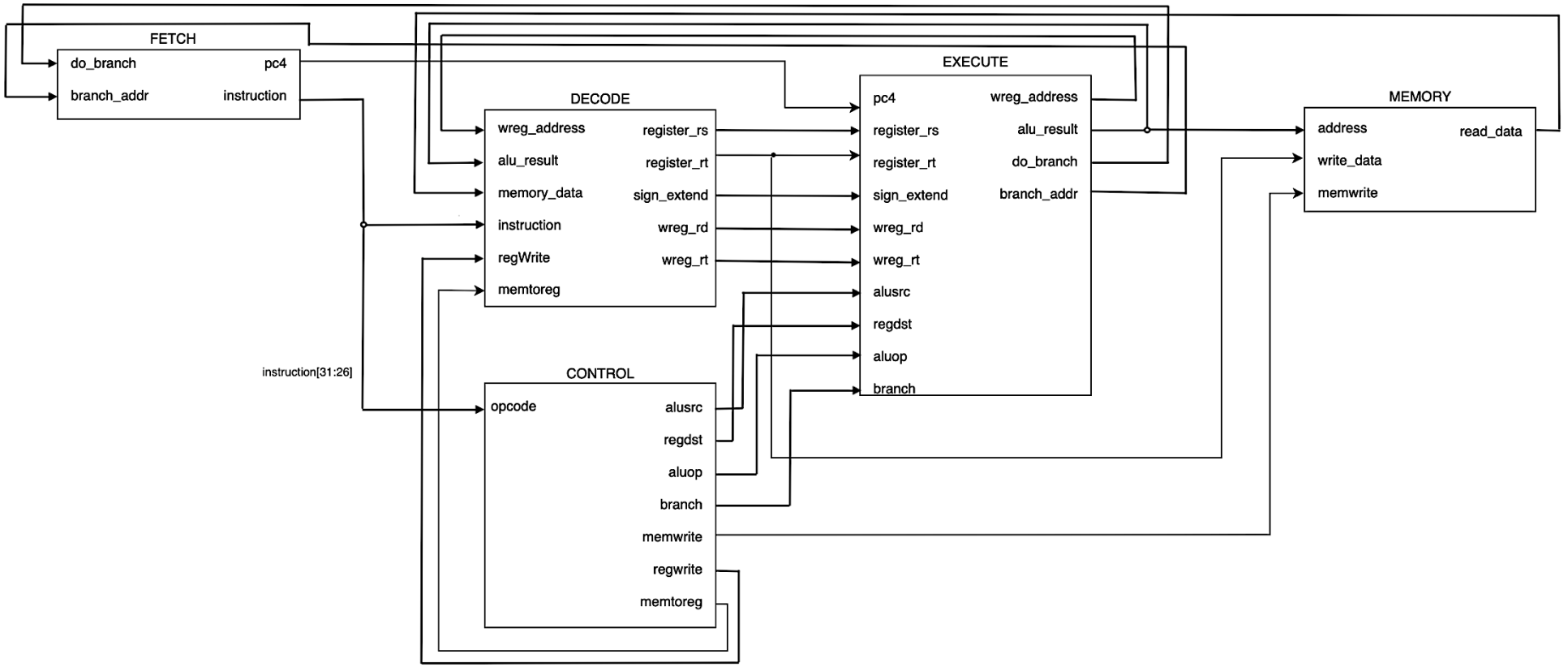

Figure 2. Lab 1 Q2: module-connection diagram

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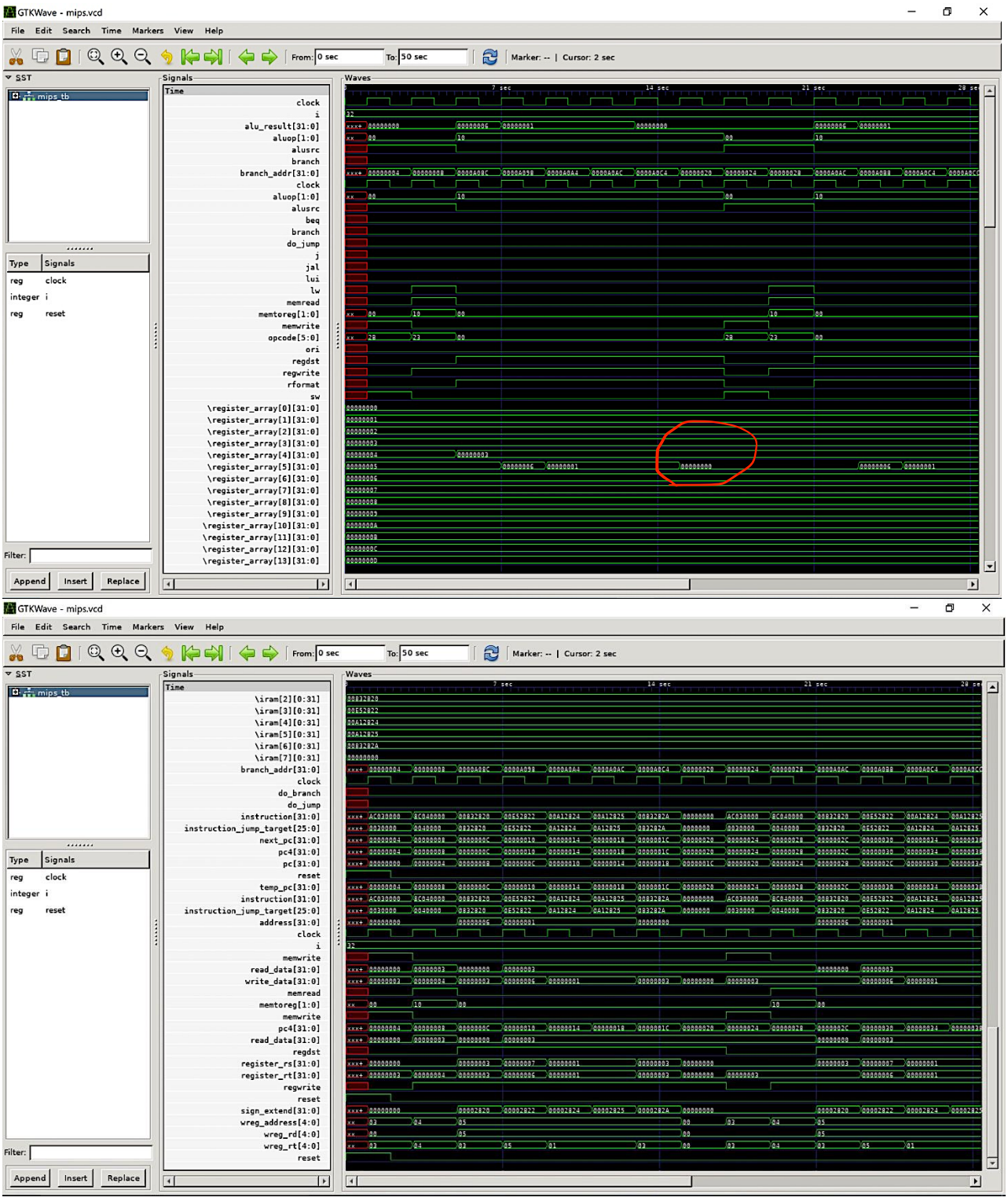

Figure 3. Lab 1 Q4: slt instruction waveform. The instruction that is being run is slt $5,$4,$3. The slt instruction is running after a number of other instructions are executed after which the value of registers $3 and $4 are 0x3 and 0x3 respectively. Since, register $4 and register $3 are equal, $4 is not less than $3 meaning $5 is set to 0x0 (around the 15 second mark in the first graph figure).