

Faculty of Engineering and Technology

Department of Electrical and Computer Engineering

ENCS 2110

Digital Electronics and Computer Organization Lab

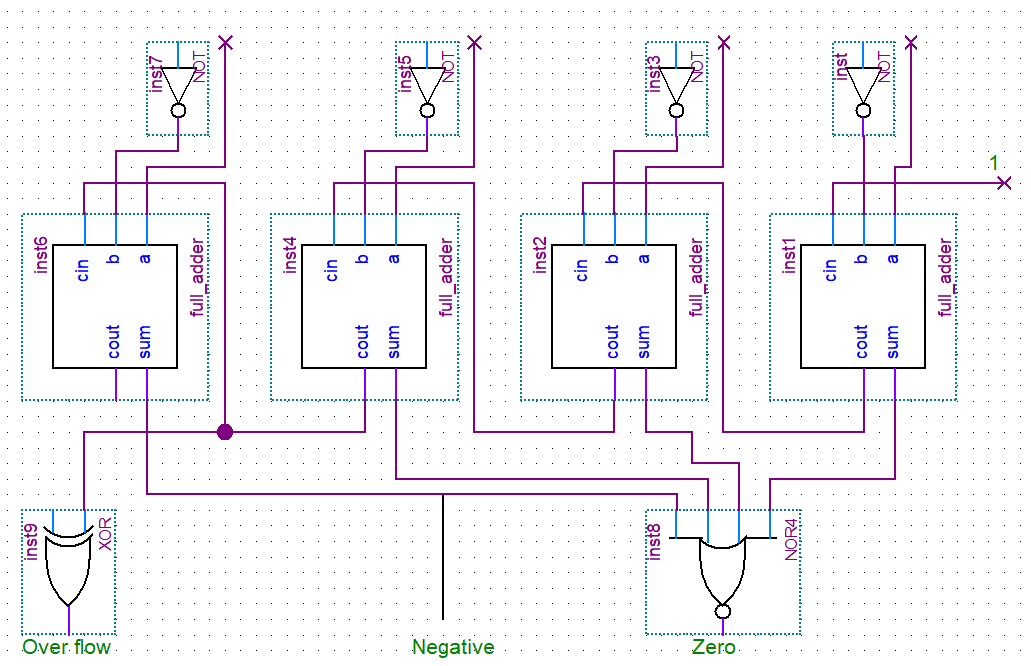
Experiment No. 5

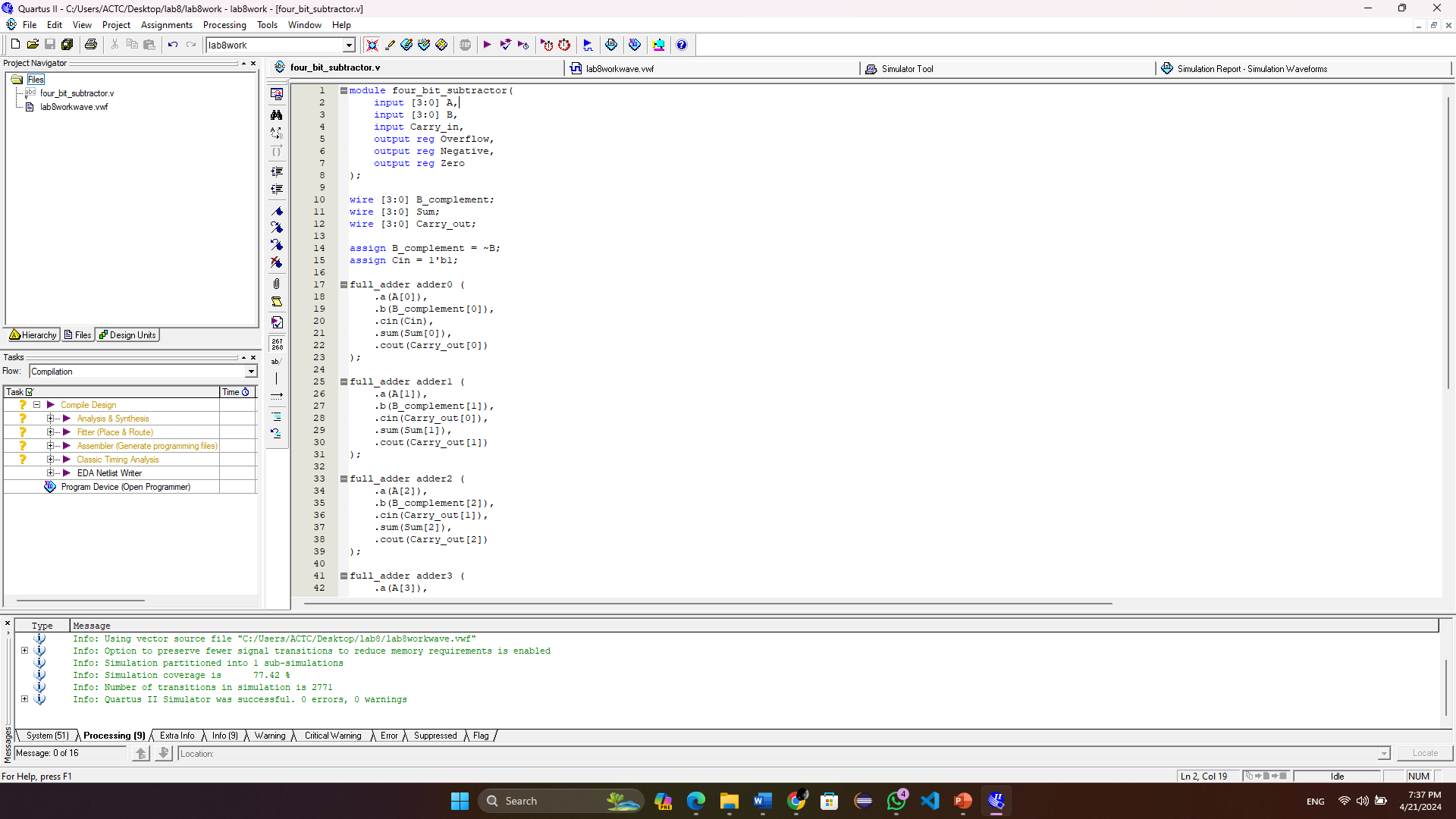
Pre Lab

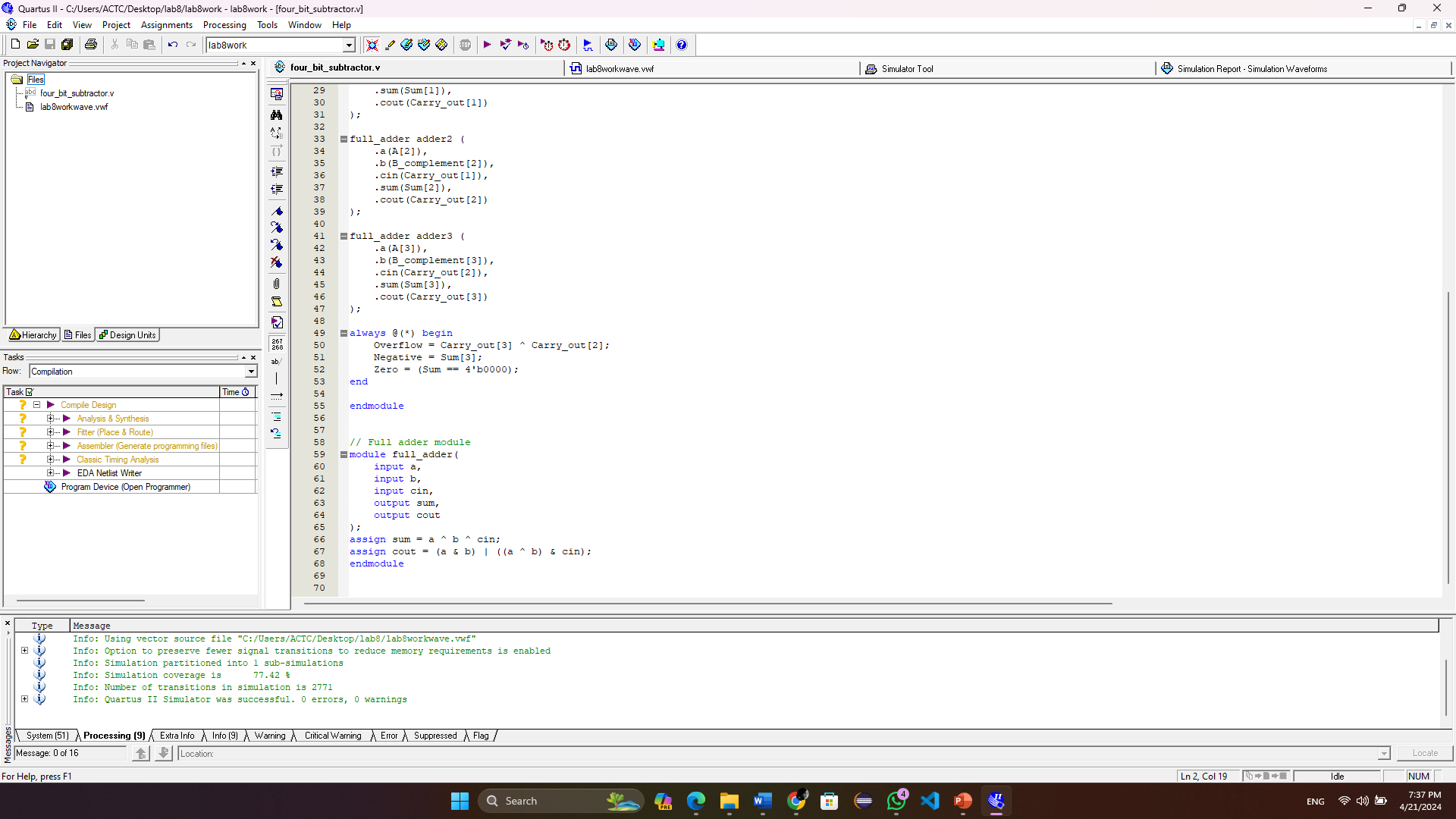
Mohammad Rjoub

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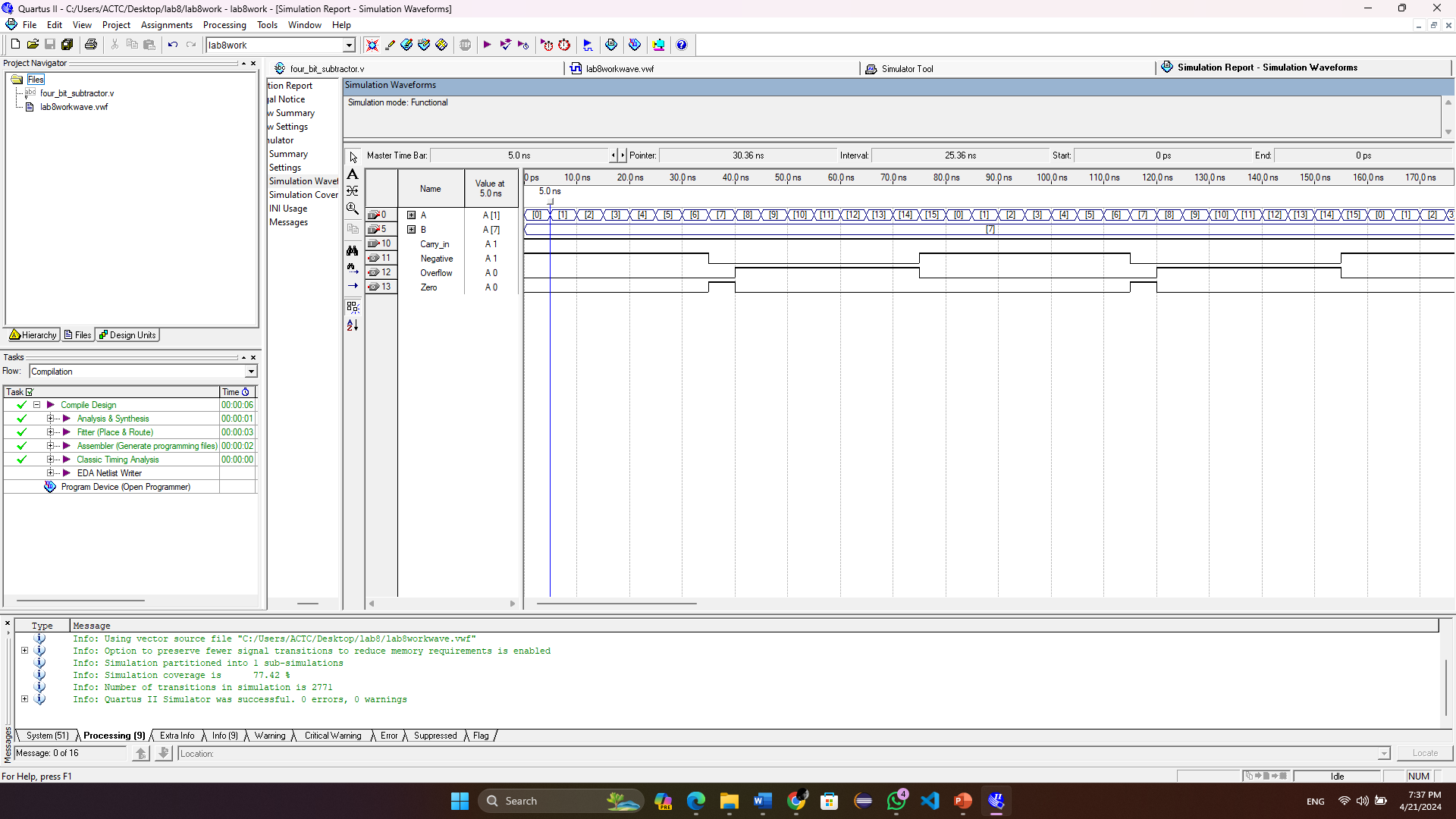
Task 1: The circuit subtract two 4-bit number and determine its Overflow, Negative, Zero Flags.





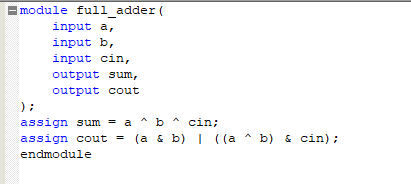
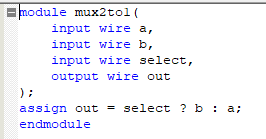


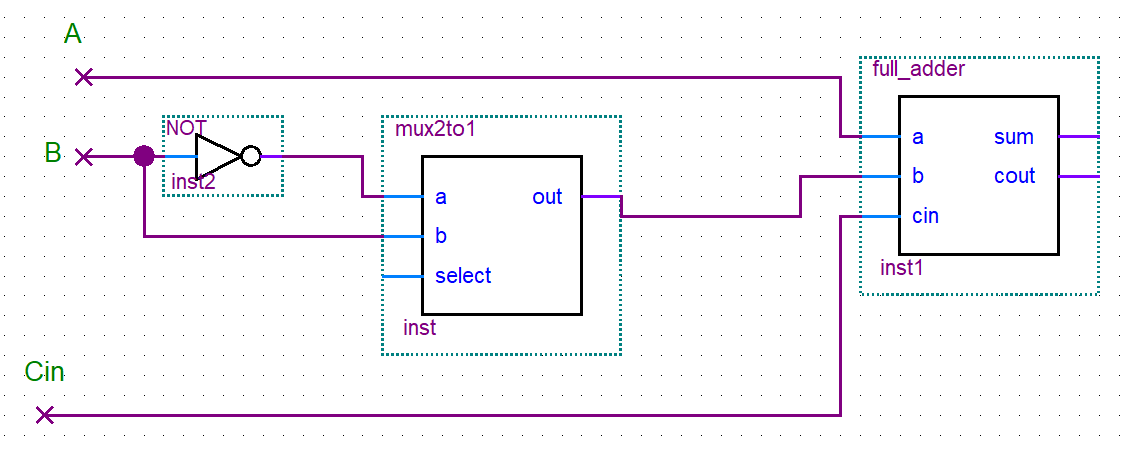
Waveform:



Task 2:

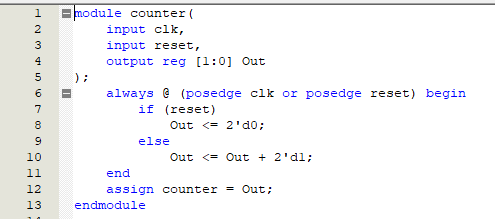
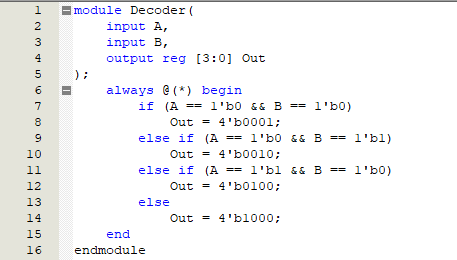
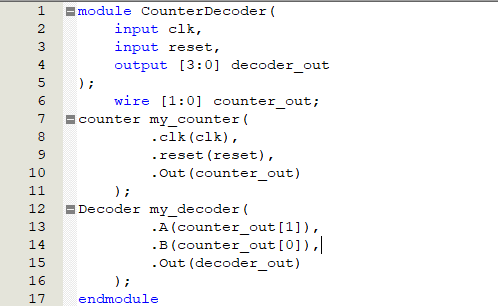
Code:



Waveform:

Task3:

Code:

Waveform:

