CMPE 321- Computer Architecture
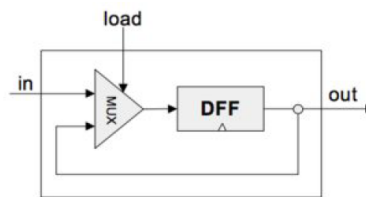
Worksheet

November 1, 2018

1. Write a multiplexer using Nand2tetris software. And save the file as Mux.hdl

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2. Write a 1 bit register using Nand2tetris software. And save the file as Bit.hdl

Figure 1: 1 Bit Register

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3. Write a 16 bit register using Nand2tetris software. And save the file as Register.hdl