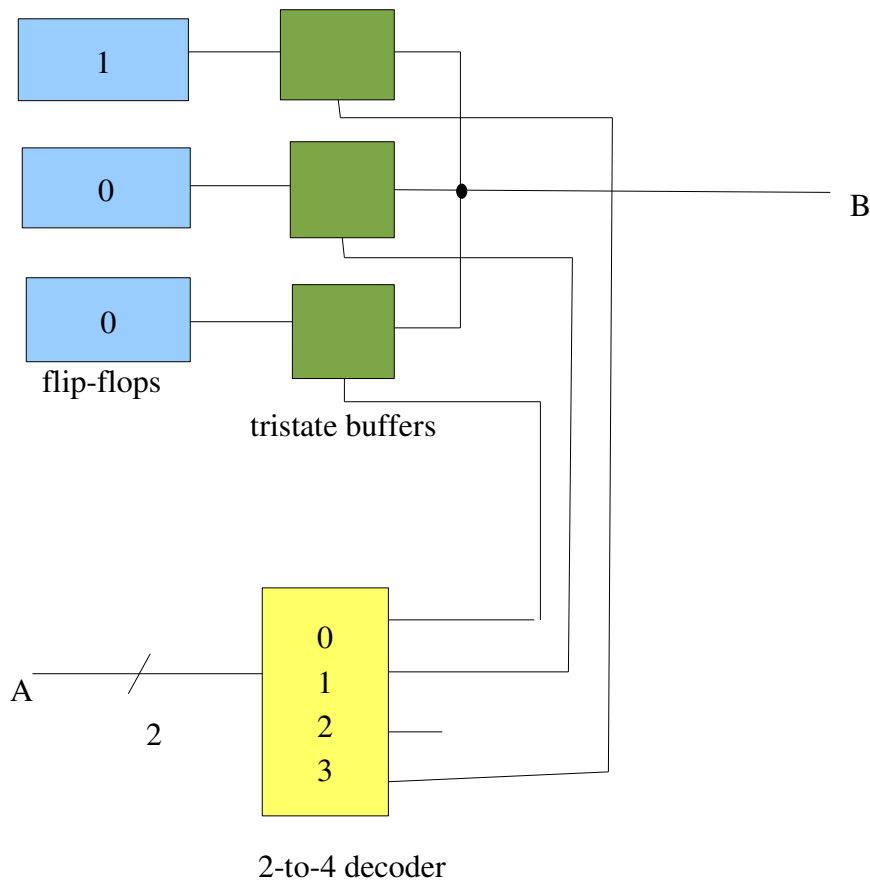


Name _____

COMP 303

HW #4

1. Describe the function of a tristate buffer.
2. Describe the function of the program counter.
3. For the following circuit, where the flipflops hold the values shown inside, describe what value would be present on wire B when the value selected on bus A is 3 (that is, both wires that comprise bus A are high)?



4. For the preceding circuit, what value would be present on wire B when the value selected on bus A is 2?