**SE-410 Homework 7**

**Cameron Stark**

1.)

y = 0

If (clock != null)

Then y = x

Else

Then y = null

Output y

Input clock

Input x

2.)

The input-output behavior of the above component is the output of the input x if the clock exists and a null output if the clock does not exist as an input. Which defines that component is reliant on the existence of the clock.