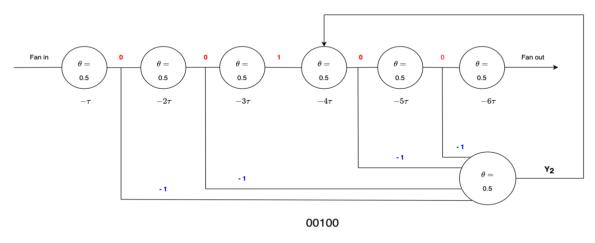
## **EE 456 - Introduction to Neural Networks**

## Name: Aishwarye Omer

<u>Homework 1</u> – Design a de-glitching module for the following input.

Input bits: 0 0 1 0 0



**De-Glitching Model** 

If Input is 0 0 1 0 0, then total input = (0\*-1) + (0\*-1) + (0\*-1) + (0\*-1) = 0, which is less than 0.5

So, 
$$Y_2 = 0$$

Therefore the error will be fixed since we create a feedback loop to the respective input.