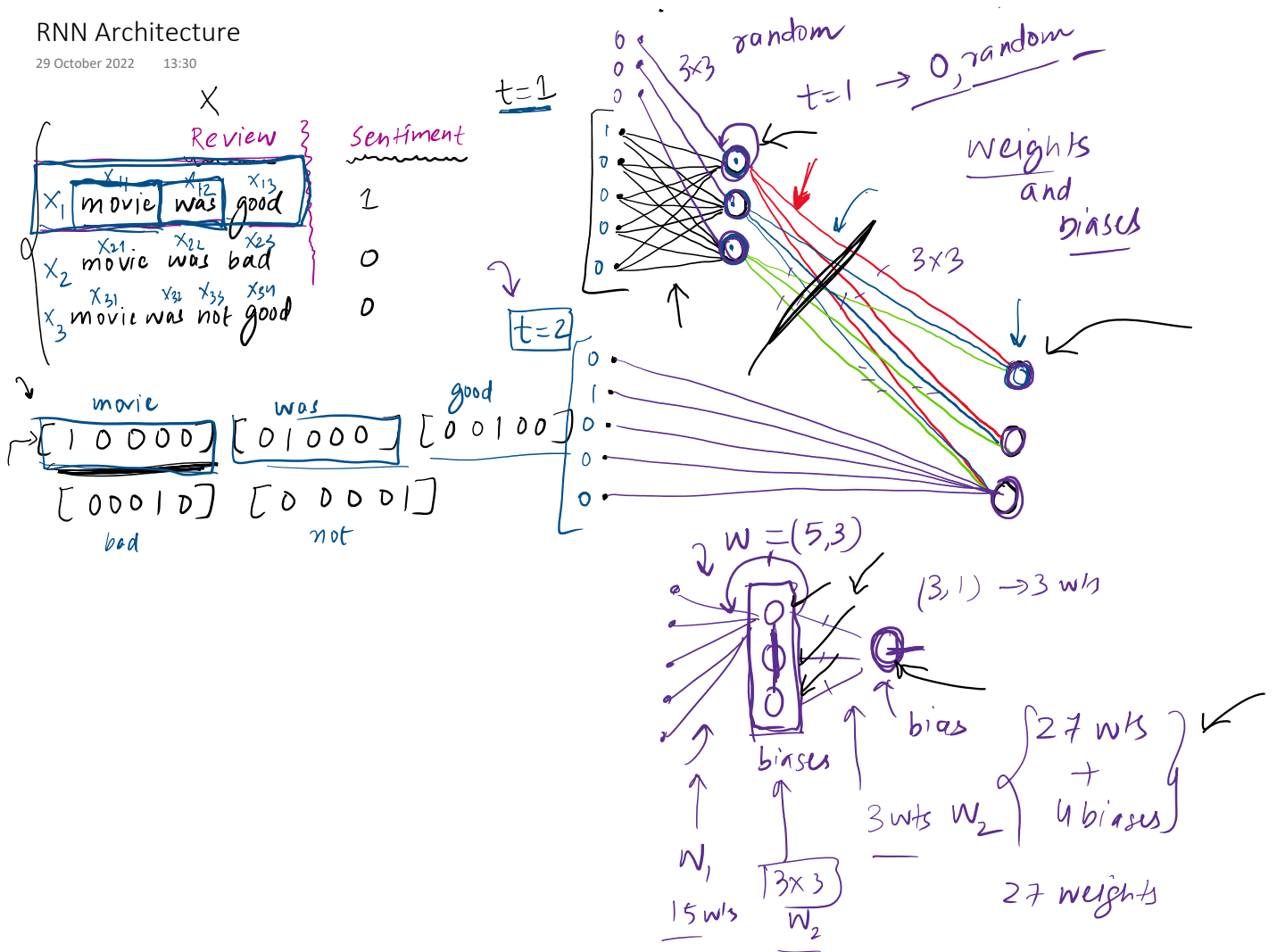


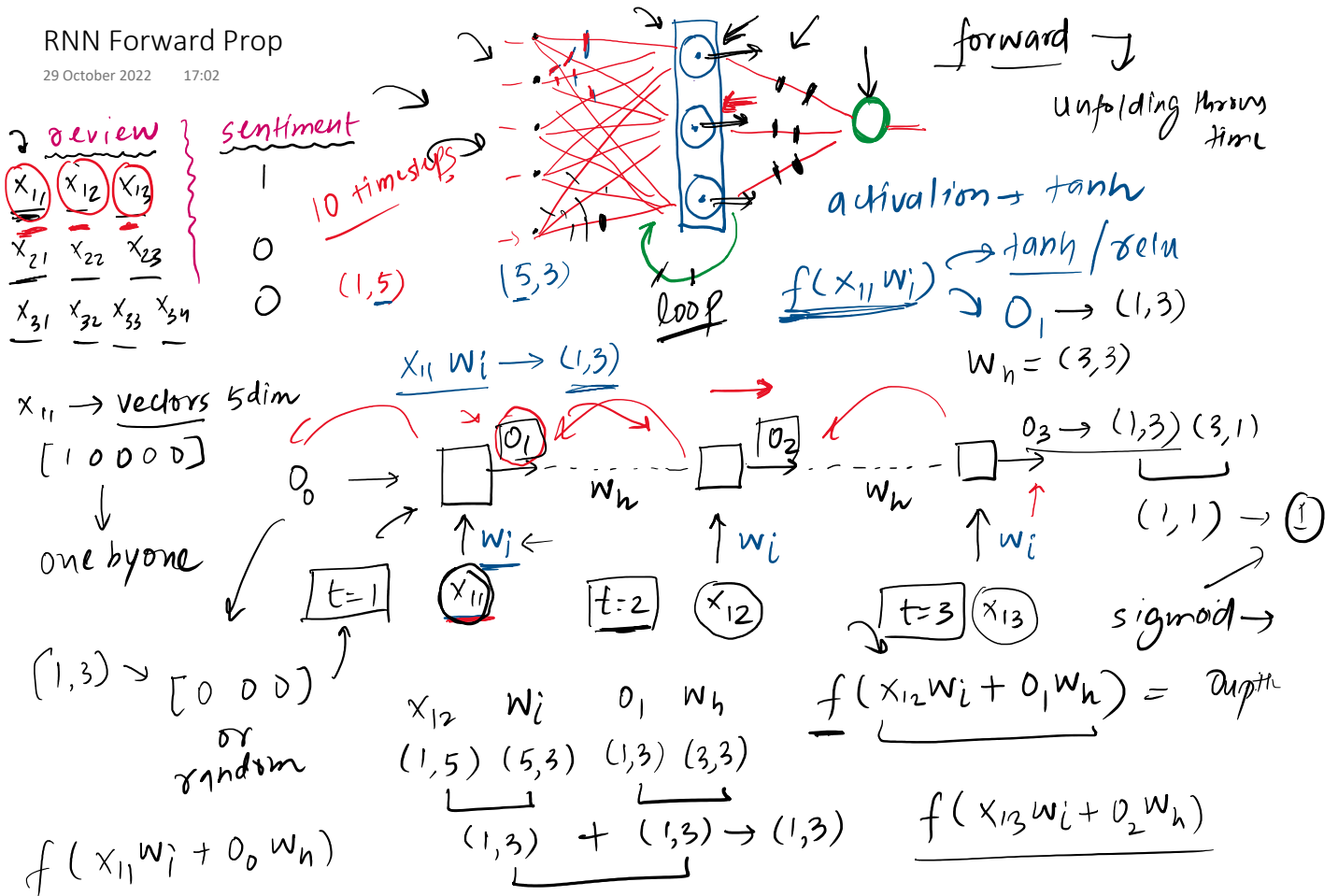
# RNN Architecture

29 October 2022 13:30



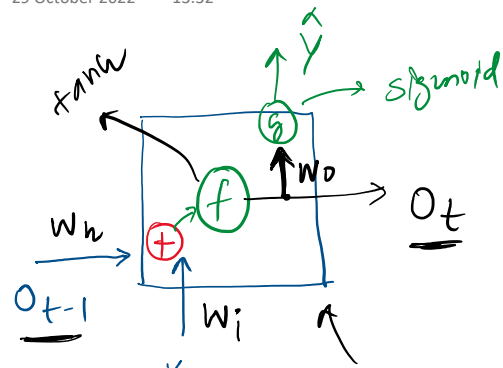
# RNN Forward Prop

29 October 2022 17:02



# Simplified Representation

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$$\hat{y} = g(o_t w_o)$$

$$f(x_{it} w_i + o_{t-1} w_h) \rightarrow \text{vector} \rightarrow o_t$$

Hello how  
are you?

i = row #  
t = time step  
 $x_{it} \rightarrow$