

* actual outfat (4) = 0.5

* leaving rate =1

* Activition 1 => Sigmoid 1 nc.

1) for fining Forward Page :-
$$a_{i=1} = \sum_{i=1}^{N} (\omega_{i} + x_{i})$$

$$\frac{1}{2} = \omega_{13} * k_{1} + \omega_{23} * k_{2}$$

$$= (0.1)(0.35) + (0.8)(0.9)$$

$$= (0.j)(0.35) + (0.6)$$

$$0.755$$

$$\therefore \quad \chi_{3} = \underline{1}$$

$$1 + e^{-0.755} \Rightarrow \qquad \chi_{3} = 0.68$$

$$ay = W_{14} Z_{1} + W_{24} Z_{2}$$

$$= (0.4)(0.35) + (0.6)(0.9)$$

$$ay = 0.68$$

$$\frac{1}{1+e^{-068}} \implies \frac{1}{1+e^{-068}} \implies \frac{1}{1+e^{-$$

* for
$$0s:$$
 $as = \omega_{ss} \ Y_{s} + \omega_{vs} \ Y_{s}$
 $= (0.5)(0.55) + (0.07)(0.0057)$
 $ag = 0.50$

$$\therefore \ Y_{s} = \frac{1}{1+c^{-0.50}} \Rightarrow y_{s} = 0.057$$

$$\vdots \ Y_{s} = \omega_{ss}$$

$$\vdots \ \omega_{s} \ \omega_{s}$$

$$\vdots$$

whit connected in forward there ones

$$\begin{array}{lll}
& \text{Sy} & = \text{Yy} & (1-\text{Yy}) & [88 \text{ Wy8}] \\
& = 0.6639 & (1-0.6639) & [0.9] & (-0.0406) \\
& = -0.0082
\end{array}$$

$$\begin{array}{lll}
& \text{Sy} & = -0.0082
\end{array}$$

$$7 \text{ DW}_{14} = 1 + (-0.0082) + (0.35)$$

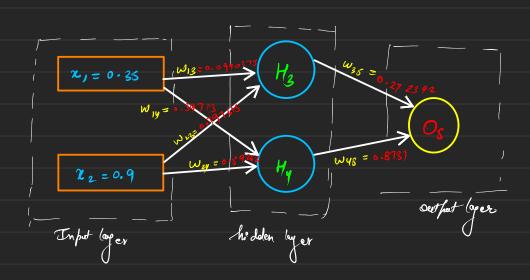
$$= -0.0269$$

$$\Delta w_{14} = -0.0269$$

$$7 \Delta W_{38} = 1 + (-0.0406) + (0.68)$$

$$= -0.027608$$

BWzy = -0.00 7 38



Now do the same process all the way from (1) forward pass to (2) error calculation