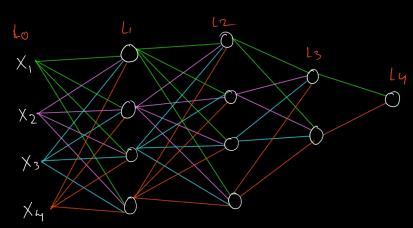
## Today's Agenda

- 1) MLP Notations
- 2) Forward Purpagation

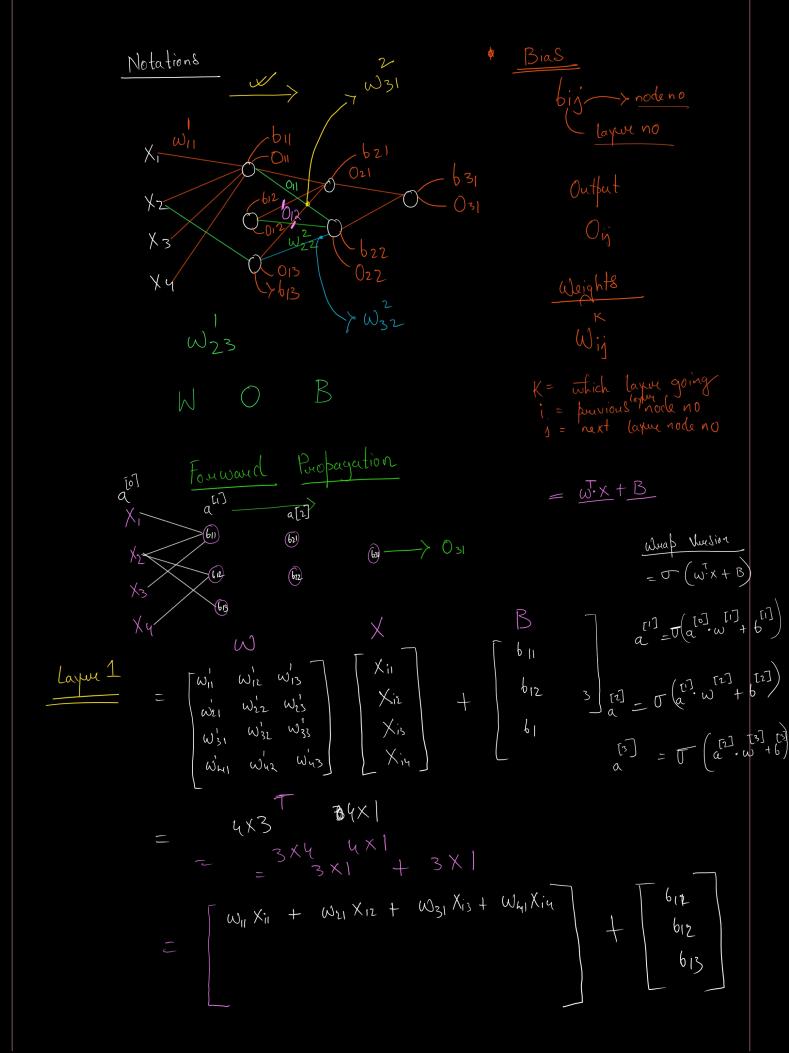


Parameter Calculation Bias 
$$4-12$$

$$10-11 = (4 \times 4) + (9) = 20$$

$$= 20$$

$$= 53$$



$$\begin{bmatrix} O_{11} \\ O_{12} \\ O_{13} \end{bmatrix}$$

$$\frac{\omega_{\text{ma}} > V_{\text{medion}}}{= \sigma \left(\omega^{T} \times + B\right)}$$

$$a^{[7]} = \sigma \left(a^{[0]} \cdot \omega^{[1]} + b^{[1]}\right)$$

$$a^{[2]} = \sigma \left(a^{[1]} \cdot \omega^{[2]} + b^{[2]}\right)$$

$$a^{[5]} = \sigma \left(a^{[2]} \cdot \omega^{[2]} + b^{[2]}\right)$$

$$a^{[5]} = \sigma \left(a^{[2]} \cdot \omega^{[2]} + b^{[2]}\right)$$

$$= \int \left( \int \left( \sigma \left( a \cdot \omega + b^{[i]} \right) \right) \omega^{[i]} + b^{[i]} \right) \omega^{[i]} + b^{[i]} \right)$$