Computing Derivatives

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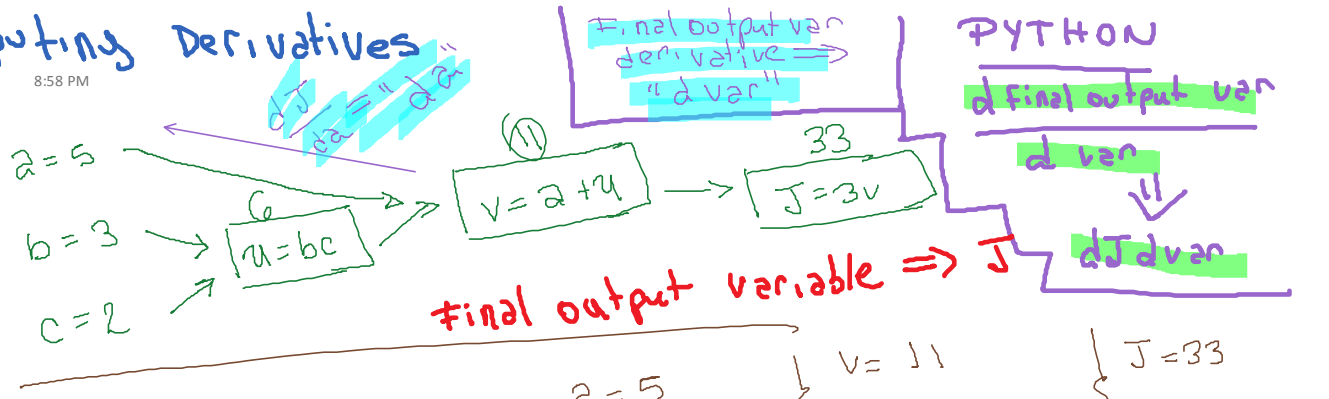

$\frac{dJ}{da} = 3 = 3 \Longrightarrow$

$= \frac{dJ}{dv}\frac{dv}{da}$

$a = 5$

$a' = 5.001$

$v = 11$

$v' = 11.001$

$J = 33$

$J' = 33.003$

Chain Rule: $a \to v \to J$

$\frac{dJ}{dv} \times \frac{dv}{da} \Rightarrow 3 \times 1 = 3$ //