

Basics of Neural Network Programming

Computation Graph

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Computation Graph

$$J(a,b,c) = 3(a+bc) = 3(5+3x^2) = 33$$
 $U = bc$
 $V = atu$
 $J = 3v$
 $V = a+u$
 $J = 3v$
 $V = a+u$
 $J = 3v$

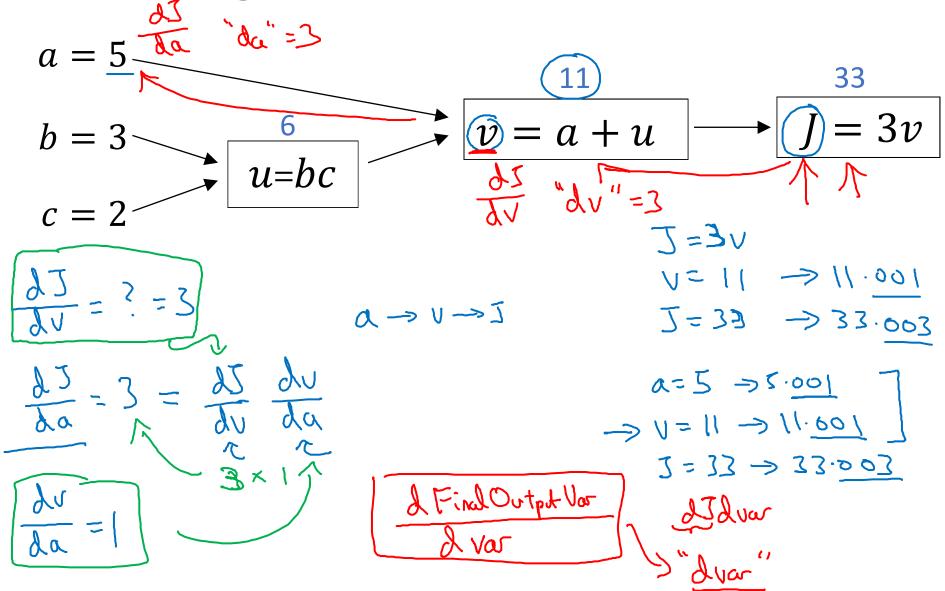


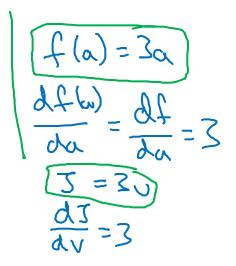
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Derivatives with a Computation Graph

Computing derivatives





Computing derivatives

