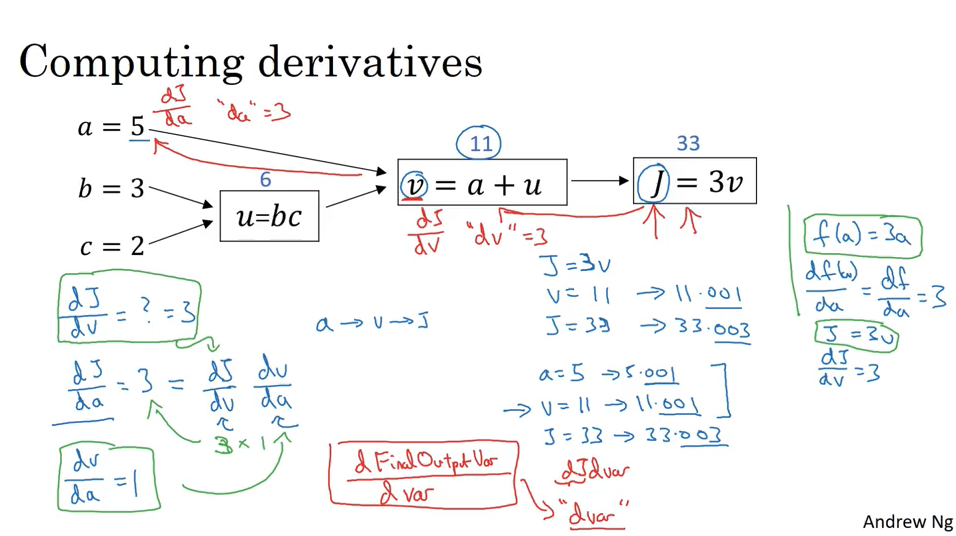
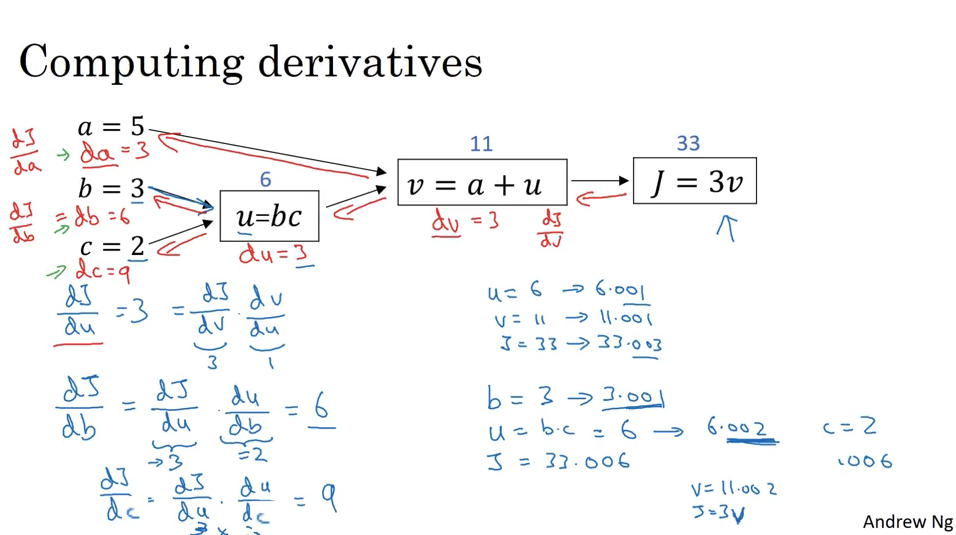
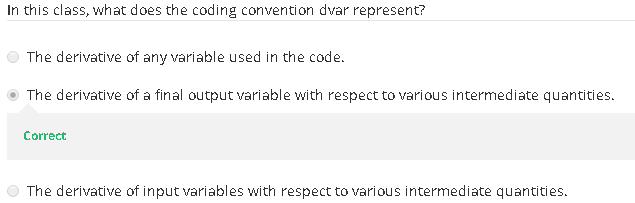
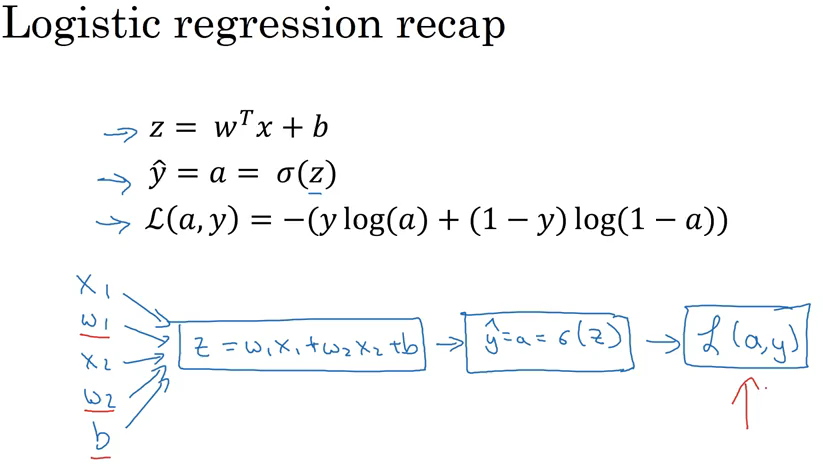
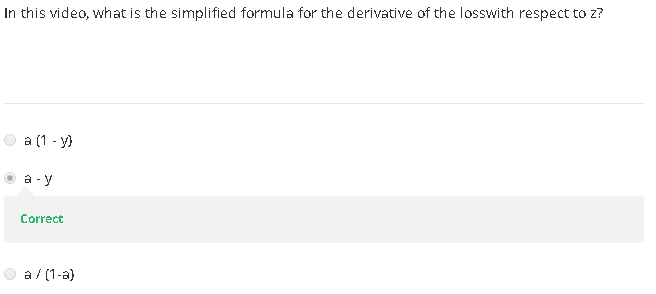
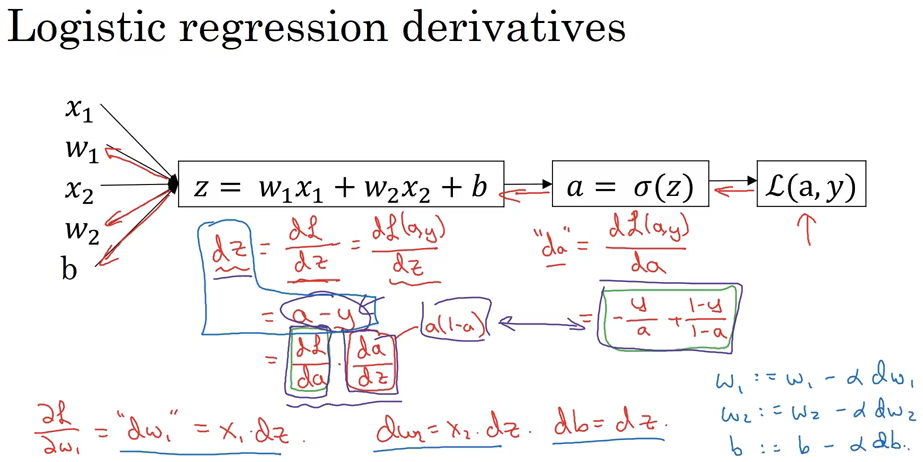
**Back Propagation**



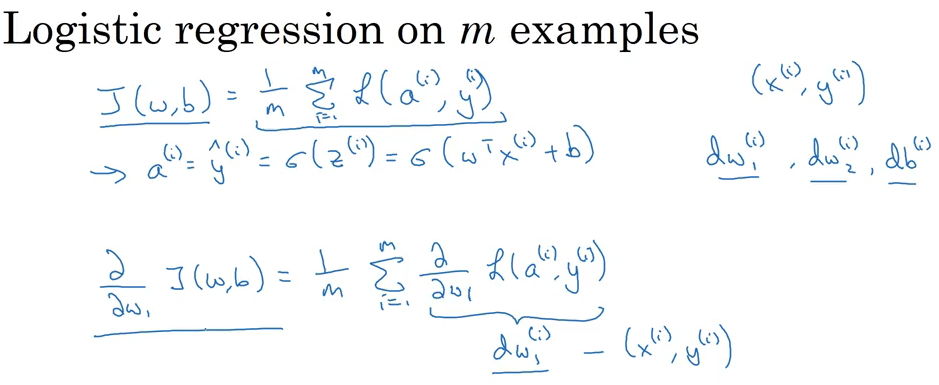


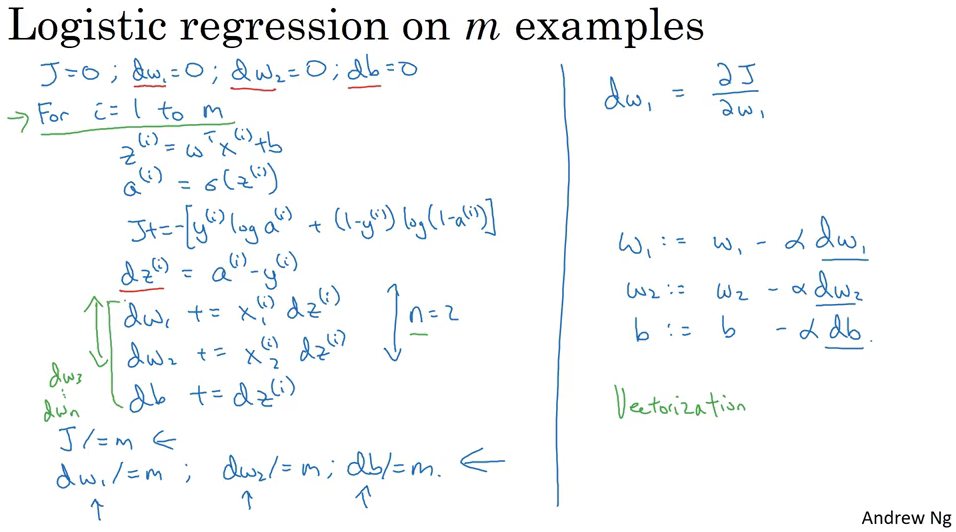
**Logistic Regression Gradient Descent**





**Gradient Descent on m Examples**





Here we find that the for loops are extremely slow when compared to vectorization with deep learning.

