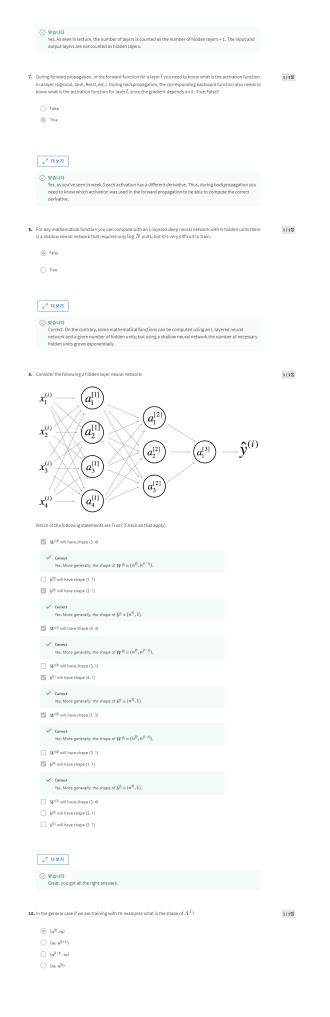
◎ 축하합니다! 통과하셨습니다! 다음 항목으로 이동 **받은 학점** 100% **최신 제출물 학점** 100% **통과 점수**: 80% 이상 1. What is stored in the 'cache' during forward propagation for latter use in backward propagation? 1/1점 $\bigcirc w^{\scriptscriptstyle [l]}$ $\bigcirc A^{[l]}$ $\bigcirc \ b^{[l]}$ √2 더보기 \odot 맞습니다 Yes. This value is useful in the calculation of $dW^{[l]}$ in the backward propagation. $\textbf{2.} \quad \text{During the backpropagation process, we use gradient descent to change the hyperparameters. True/False?}$ ○ True False ≥ 전보기 \odot ଫୁର୍ଯ୍ୟ ଦ୍ୱ Correct. During backpropagation, we use gradient descent to compute new values of $W^{[l]}$ and $b^{[l]}$. These are the parameters of the network. 3. Which of the following is more likely related to the early layers of a deep neural network? 1/1점 ∠^ 터보기 1/1점 ○ True False ∠^ 터보기 ◎ **9.6**4.07 Forward propagation propagates the input through the layers, although for shallow networks we may just write all the lines $(a^{[i]} = g^{[i]}(z^{[i]}), z^{[i]} = W^{[i]}a^{[i]} + b^{[i]},...)$ in a deeper network, we cannot avoid a for loop iterating over the layers: $(a^{[i]} = g^{[i]}(z^{[i]}), z^{[i]} = W^{[i]}a^{[i-1]} + b^{[i]},...)$. 1/1정 for i in range(1, len(layer_dims)):
parameter("W" + str(i)] = np.random.randn(layer_dims[i-1], layer_dims[i]) * 0.01
parameter("b" + str(i)] = np.random.randn(layer_dims[i], 1) * 0.01 for i in range(1, len(layer_dims)/2):

parameter('W' + str(i)] = np.random.randn(layer_dims[i], layer_dims[i-1]) * 0.01

parameter('b' + str(i)] = np.random.randn(layer_dims[i], 1) * 0.01 for i in range(1, len(layer_dims)/2): parameter("W" + str(i)] = np.random.randn(layer_dims[i], layer_dims[i-1]) * 0.01 parameter("b" + str(i)] = np.random.randn(layer_dims[i-1], 1) * 0.01 ∠2 터보기 ⊘ 맞습니다 1/1점 $x_1 \nabla$ x_2 x_3 How many layers does this network have? \bigcirc . The number of layers \underline{L} is 3. The number of hidden layers is 3.

∠ 전보기



 \bigcirc 9 9 444 Yes. The number of rows in $A^{[1]}$ corresponds to the number of units in the I-th layer. ↓