1. A neuron computes a linear function (z = Wx + b) followed by an activation function
2. 
3. x = img.reshape((32 \* 32 \* 3, 1))
4. c.shape = (2, 3)
5. The computations cannot happen because the sizes don't match. It's going to be "Error"
6. (n\_x, m)
7. c.shape = (12288, 45)
8. c = a + b.T
9. This will invoke broadcasting, so b is copied three times to become (3,3), and ∗ is an element-wise product so c.shape = (3, 3).
10. J = (a - 1) \* (b + c)