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## 2 Objective Question [2 marks]

You trained binary classifier model which gives very high accuracy on the training data, but much lower accuracy on validation data. The following may be true:

1. This is an instance of overfitting.
2. This is an instance of underfitting.
3. The training was not well regularized.
4. The training and testing examples are sampled from different distributions.

Ans. 1. This is an instance of overfitting  
3. The training was not well regularized.