

Ass01

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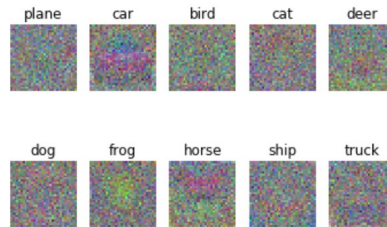
The **best** classifier was trained on the 4<sup>th</sup> hyperparameter setting, with the following results:

training accuracy: **0.336306**

validation accuracy: **0.354000**

We wouldn't expect anything much better from a linear classifier...

Resulting weights for each class, represent the filter that recognizes the respective class:



Observe that the car is something red, a ship is something blue on the bottom line of the image and so on. After all the classifier is just a linear classifier that takes the average of the images it has been trained on, to classify a new image.