This script downloads the pre-trained model, adds a new final layer, and trains that layer on the flower photos you've downloaded.

这个脚本（retrain.py）下载这个预训练模型，添加一个新的最后层，并用下载的花照片训练这一层

Adds a new softmax and fully-connected layer for training. We need to retrain the top layer to identify our new classes, so this function adds the right operations to the graph, along with some variables to hold the weights, and then sets up all the gradients for the backward pass. The set up for the softmax and fully-connected layers is based on:

<https://www.tensorflow.org/versions/master/tutorials/mnist/beginners/index.html>

添加一个新的softmax 和全连接层。我们需要再训练顶层来识别我们的新类别，因此该函数添加相应的operation到graph中，伴随着一些variables来支持weights，接着，为反响传播建立所有的梯度。

By default, this script runs 4,000 training steps. Each step chooses 10 images at random from the training set, finds their bottlenecks from the cache, and feeds them into the final layer to get predictions. Those predictions are then compared against the actual labels to update the final layer's weights through a backpropagation process.  
 默认情况下，这个脚本运行4000个训练步骤。每个步骤从训练集中随机选取10幅图像，从高速缓存中找出它们的bottlenecks，并将它们送入最终层进行预测。然后将这些预测与实际标签进行比较，以通过反向传播过程来更新最终层的权重。