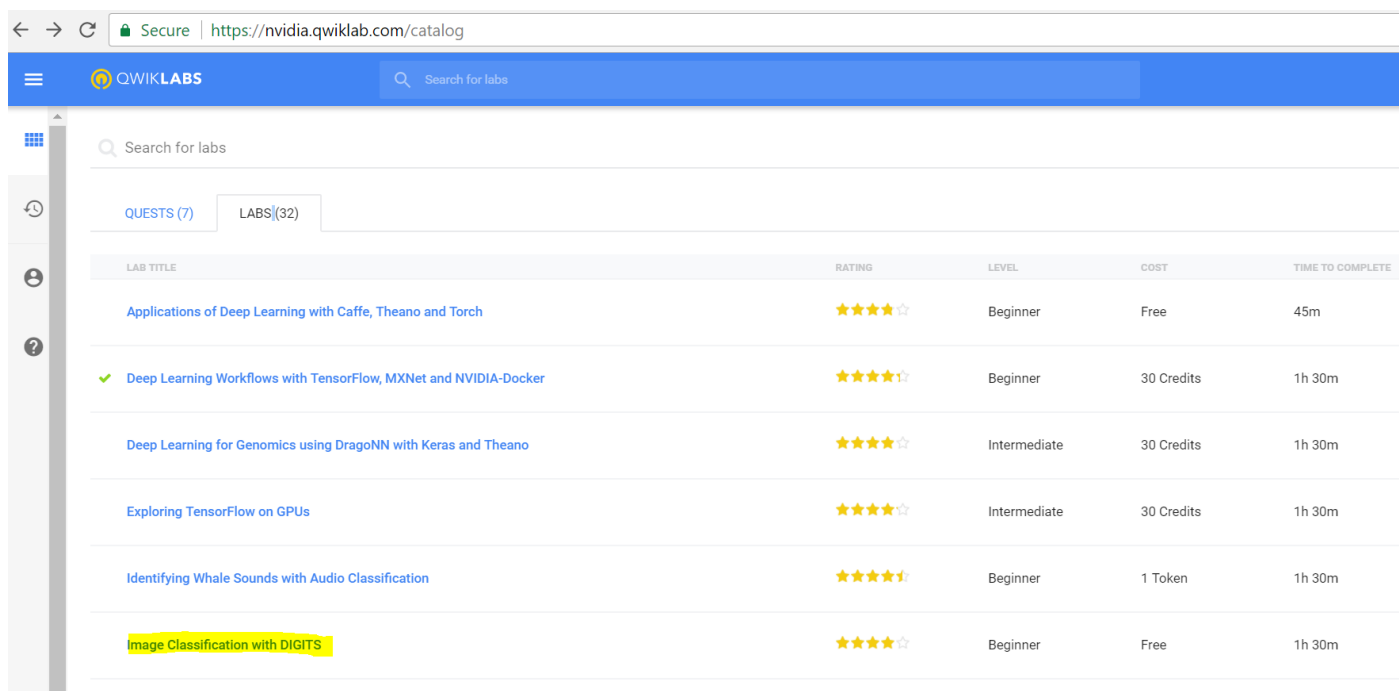


请按照如下步骤测试是否可以正常打开课程页面。除了以下有特殊的用时说明外，其他所有的页面都应该是点击就会进入下一步。如果耗时过长，则很可能是测试场所的网络较慢的原因。后续上课如果学生人数过多，则很可能出现很多人不能正常开启实验网站的问题。请知晓。

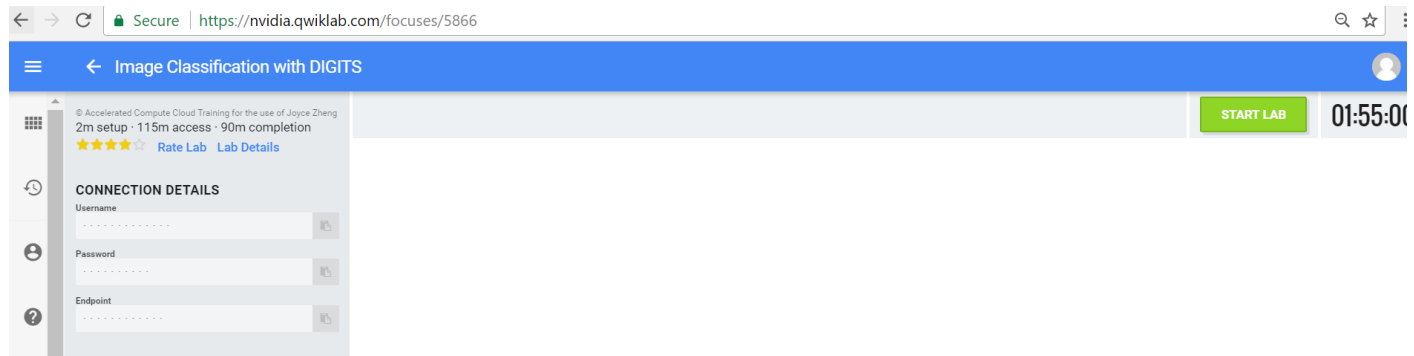
1. 用 Chrome 59（或以上）的浏览器，打开 <https://nvidia.qwiklab.com/> 并注册账户。注册提交后，您的注册邮箱应该收到一封来自 noreply@qwiklab.com 的邮件。请点击其中的链接，确认注册。
2. 在左侧导航栏选择“catalog” → 页面中选择“labs”标签页 → 页面中选择“image classification with Digits (或通过 NVIDIA DIGITS 进行图像分类)”



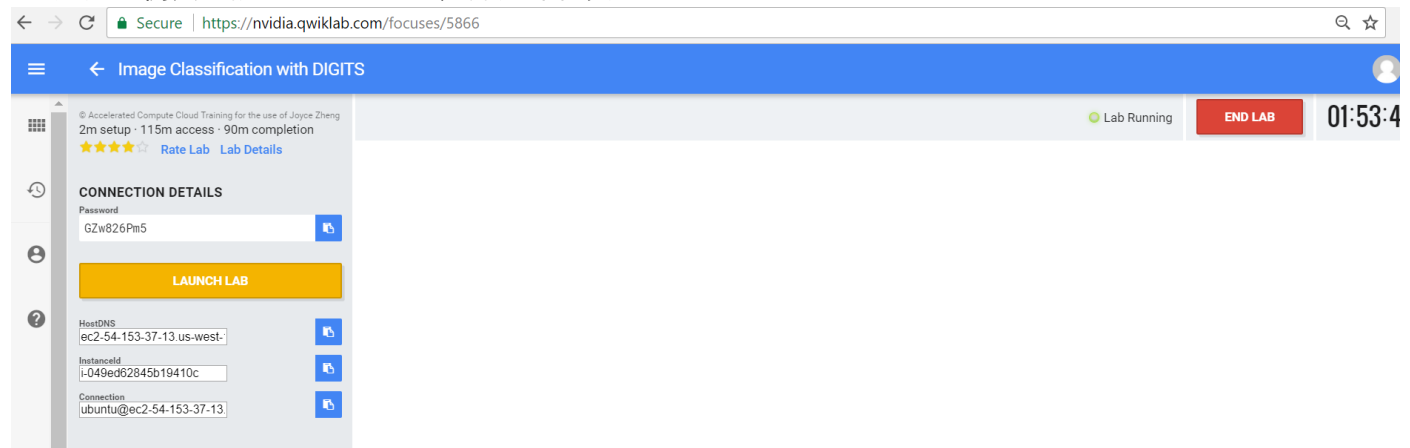
The screenshot shows the NVIDIA QwikLabs catalog page. The browser address bar displays <https://nvidia.qwiklab.com/catalog>. The page features a search bar and a navigation menu with tabs for 'QUESTS (7)' and 'LABS (32)'. A table lists various labs with columns for 'LAB TITLE', 'RATING', 'LEVEL', 'COST', and 'TIME TO COMPLETE'. The 'Image Classification with DIGITS' lab is highlighted in yellow.

LAB TITLE	RATING	LEVEL	COST	TIME TO COMPLETE
Applications of Deep Learning with Caffe, Theano and Torch	★★★★☆	Beginner	Free	45m
✓ Deep Learning Workflows with TensorFlow, MXNet and NVIDIA-Docker	★★★★☆	Beginner	30 Credits	1h 30m
Deep Learning for Genomics using DragoNN with Keras and Theano	★★★★☆	Intermediate	30 Credits	1h 30m
Exploring TensorFlow on GPUs	★★★★☆	Intermediate	30 Credits	1h 30m
Identifying Whale Sounds with Audio Classification	★★★★☆	Beginner	1 Token	1h 30m
Image Classification with DIGITS	★★★★☆	Beginner	Free	1h 30m

3. 点绿色按钮“start lab”。之后会需要大概 2~5 分钟时间加载课程资源。



4. 点开左侧黄色按钮 launch lab”，打开课程页面



5. 课程页面如下。

amazonaws.com/gs39c8Gg8Brs/notebooks/Image%20Classification%20with%20DIGITS%20-%20Training%20a%20model.ipynb

jupyter Image Classification with DIGITS - Training a model Last Checkpoint: 33 minutes ago (autosaved)

File Edit View Insert Cell Kernel Help Trusted Python 2

Image Classification with DIGITS

DEEP LEARNING INSTITUTE

Image Classification with DIGITS

An introduction to Deep Learning

In this lab, you'll learn to **train a neural network** using clean **labeled data**. We'll introduce deep learning through the task of **supervised image classification**, where, given many images and their labels, you'll build a tool that can *predict* labels of new images.

The intent is to build the skills to start experimenting with deep learning. You'll examine:

- What it means to *train* vs. to *program*
- The role of data in artificial intelligence
- How to load data for training a neural network
- The role of a *network* in deep learning
- How to train a model with data

At the end of this lab, you'll have a trained neural network that can successfully classify images to solve a classic deep learning challenge:

How can we digitize handwriting?

Training vs. programming

The fundamental difference between artificial intelligence (AI) and traditional programming is that AI *learns* while traditional algorithms are programmed. Let's