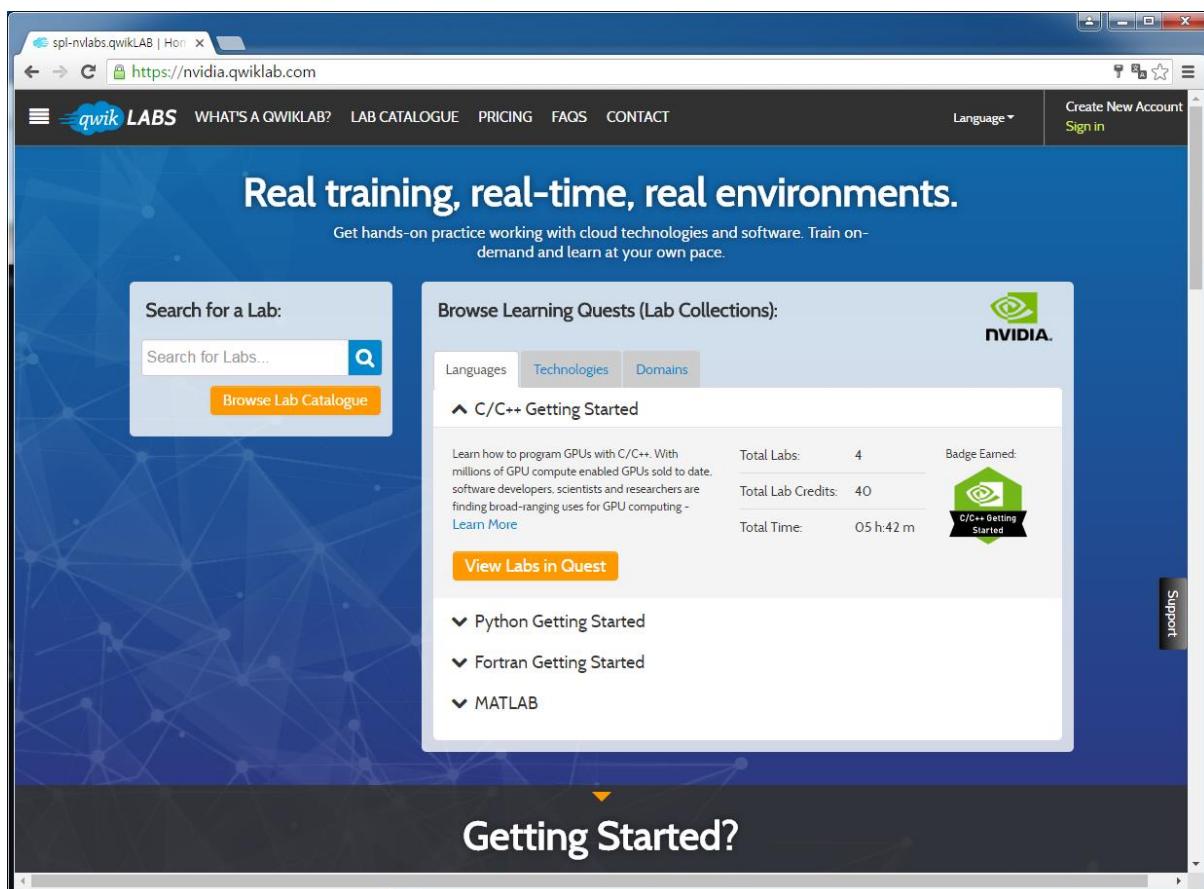


Deep Learning Institute 사전 준비 사항

(부록 : QWIKLAB 사용법 안내)

Step1. 사이트 접속

<http://nvidia.qwiklab.com>



Step2. 우상단 회원 가입(Create New Account) 버튼 클릭

입력사항: 이름(First Name), 성(Last Name), 소속 (Company Name), E-mail, Password 입력합니다.

(로그인시 사용되는 ID는 E-mail 주소임)

The screenshot shows a web browser window with the URL https://nvidia.qwiklab.com/users/sign_up?locale=en. The page title is "Create a New Account". The form contains the following fields:

- * First Name: An input field with a placeholder for a first name.
- * Last Name: An input field with a placeholder for a last name.
- * Company Name: An input field with a placeholder for a company name.
- * E-mail: An input field with a placeholder for an email address.
- * Password: An input field with a placeholder for a password.
- * Password Confirmation: An input field with a placeholder for a password confirmation.
- I agree to the Terms of Service: A checkbox labeled "I agree to the Terms of Service".
- Opt-in. Send me valuable promos and updates about new hands-on learning!: A checkbox labeled "Opt-in. Send me valuable promos and updates about new hands-on learning!".

At the bottom of the form are three links: "Create a New Account" (in a button-style box), "Sign in", "Forgot your password?", and "Didn't receive confirmation instructions?".

Step3. 인증메일 확인 및 계정 활성화

등록한 메일의 메일함을 열어보면 인증메일이 존재합니다. 이를 열어서 파란색 첫줄을 클릭해주세요면 인증확인이 됩니다.

The screenshot shows an email from QwikLABS. At the top, there's a navigation bar with icons for search, refresh, and download, followed by a link to '추가기능' (Additional Functions). Below the header, it says 'Welcome to qwikLABS™ | 관련편지검색' and '보낸사람 : noreply@qwiklab.com 16.05.17 11:20 | 주소추가 수신처단'. The main content area features the QwikLABS logo and social media links (Twitter, Facebook, YouTube, LinkedIn). A message to the recipient, HG Yoo, asks them to confirm their account by clicking a provided link. The link is http://spl-nvlabs.qwiklab.com/users/confirmation?confirmation_token=2KZgKKYR3zK_rzERxzs&locale=en. The message continues with instructions to use this ID for future logins and mentions introductory labs available free of cost at spl-nvlabs.qwiklab.com/lab_catalogue. It also provides a ticket submission link at <https://qwiklab.zendesk.com>. The footer contains a 'Real training, real-time, real environments.' tagline and a note about reporting SPAM to yhgon@hanmail.net.

Step 4. Qwiklab 메일 발송

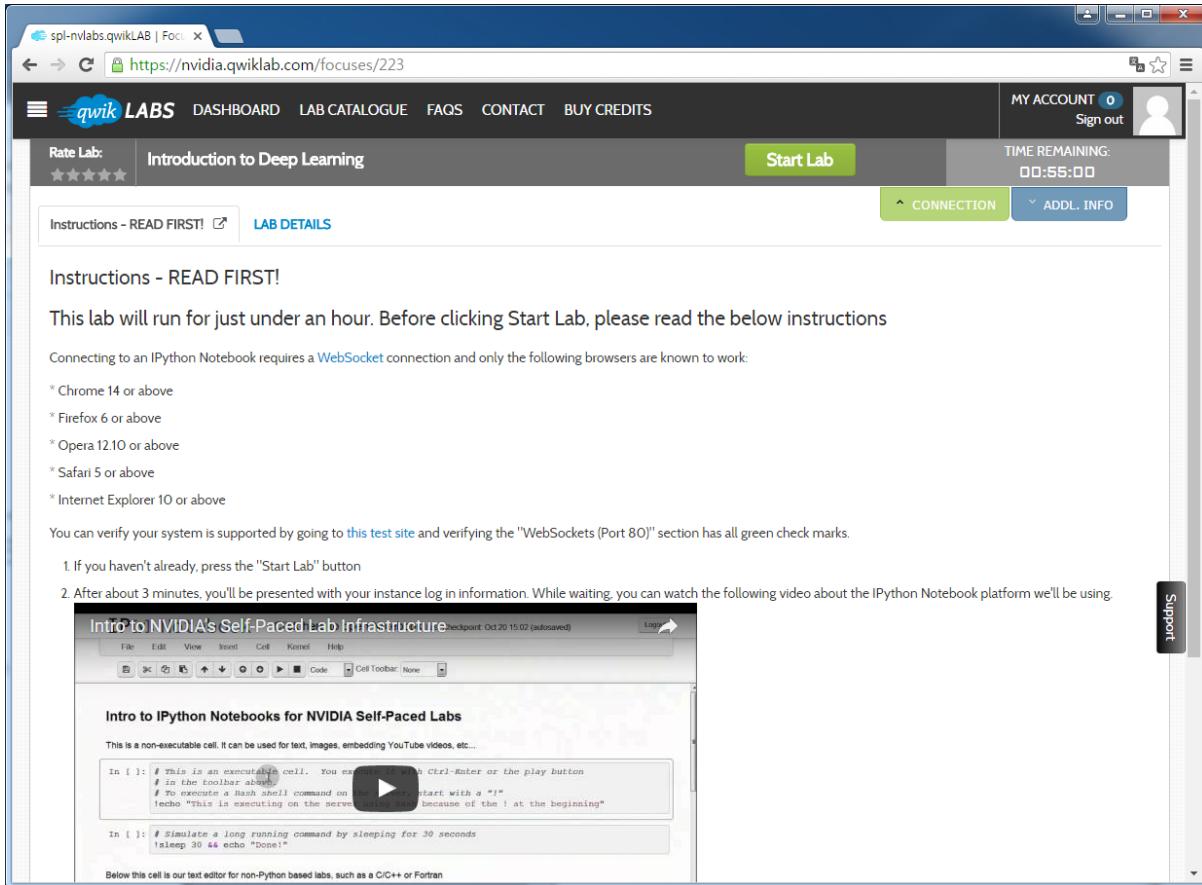
이름, 전화번호, 계정 등록시 사용한 email 을 행사 담당자에게 발송해야 합니다.

메일 주소는 다음과 같습니다 (nvidiakor@gmail.com)

(부록 : QWIKLAB 사용법 안내)

로그인 후 세션 실행

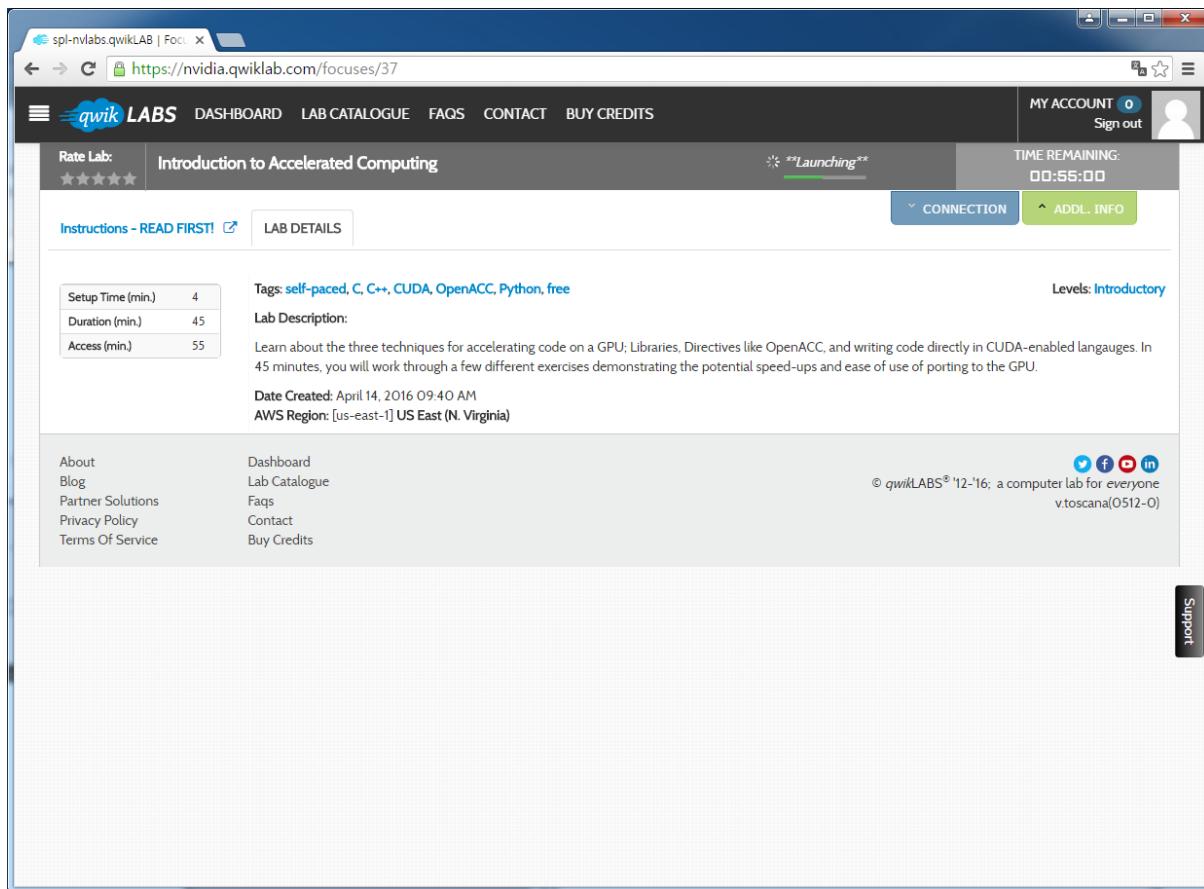
Introduction to Accelerated Computing 세션을 선택한 후 Start Lab 버튼을 클릭하여 서버를 켭니다. 아마존 서버를 켜는데 약 4분 정도의 시간이 소요됩니다.



아마존 서버 켜는 중..

Start 버튼을 누르고 약 4분 정도 소요됨.

서버가 켜지는 동안 **Instruction**을 읽어 볼 것을 권장합니다. **IPython Notebook**의 원활한 접속을 위해 최신 브라우저와 원활한 네트워크 접속 환경이 필요합니다.

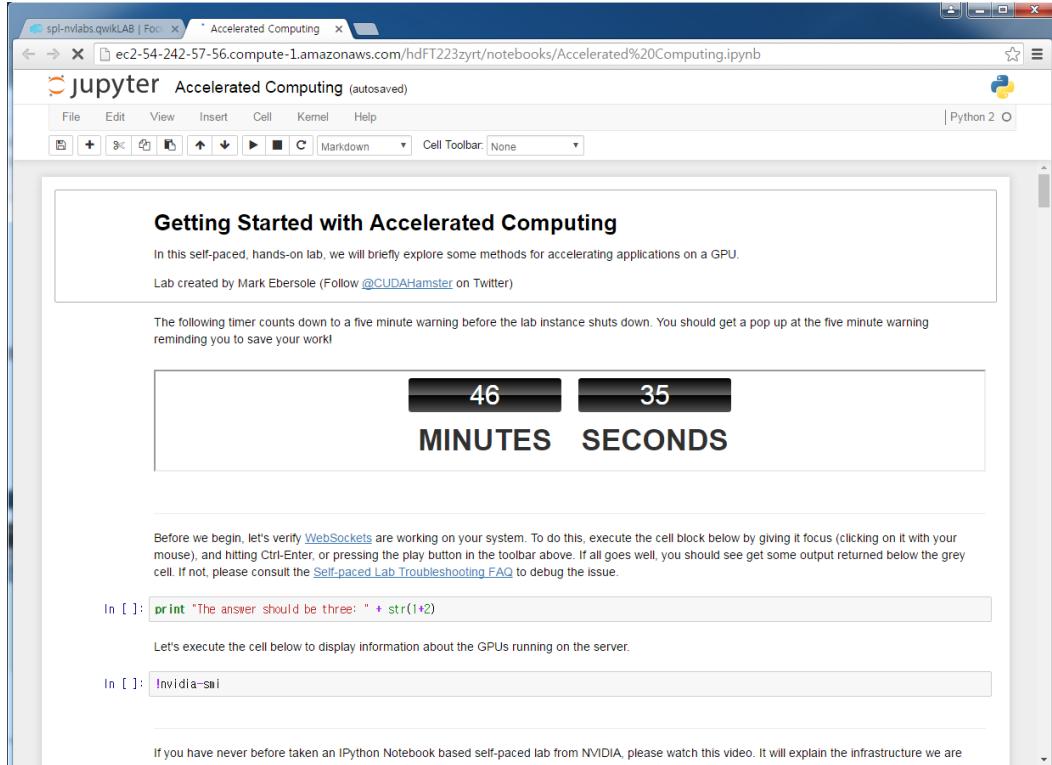


아마존 서버 작동

Click Here 버튼을 클릭하여 Lab을 시작합니다.

The screenshot shows a web browser window for the URL <https://nvidia.qwiklab.com/focuses/37>. The page is titled "Introduction to Accelerated Computing". At the top right, there is a "MY ACCOUNT" section with a profile icon and a "Sign out" button. A "TIME REMAINING: 00:55:00" timer is also visible. The main content area includes a "Lab Connection" section with instructions to follow the lab instructions to connect to the lab. It features a "Warning" box stating: "Warning: Please do not transmit any data into the AWS resources used in this lab that are not related to qwikLABS® or the hands-on lab you are taking." Below this, there is a "Connection" section with a password field containing "hdFT223zyrt" and a link to "Click here to launch your lab.". A "Skip" button is located on the right side of the connection section. At the bottom left, there is a footer with links to "About", "Blog", "Partner Solutions", "Privacy Policy", "Terms Of Service", "Dashboard", "Lab Catalogue", "FAQs", "Contact", and "Buy Credits". On the right side of the footer, there are social media icons for Twitter, Facebook, YouTube, and LinkedIn, along with the text "© qwikLABS® '12-'16: a computer lab for everyone v.toscana(0512-0)".

랩을 시작하면 Ipython 노트북이 실행됩니다.



Python 입력 Cell에 마우스 클릭 후 실행버튼을 클릭하면 서버 측 결과를 확인할 수 있다.

특히, nvidia-smi 명령을 통해 아마존 서버에 nvidia GPU GRID K520이 장착된 것을 확인할 수 있습니다.

