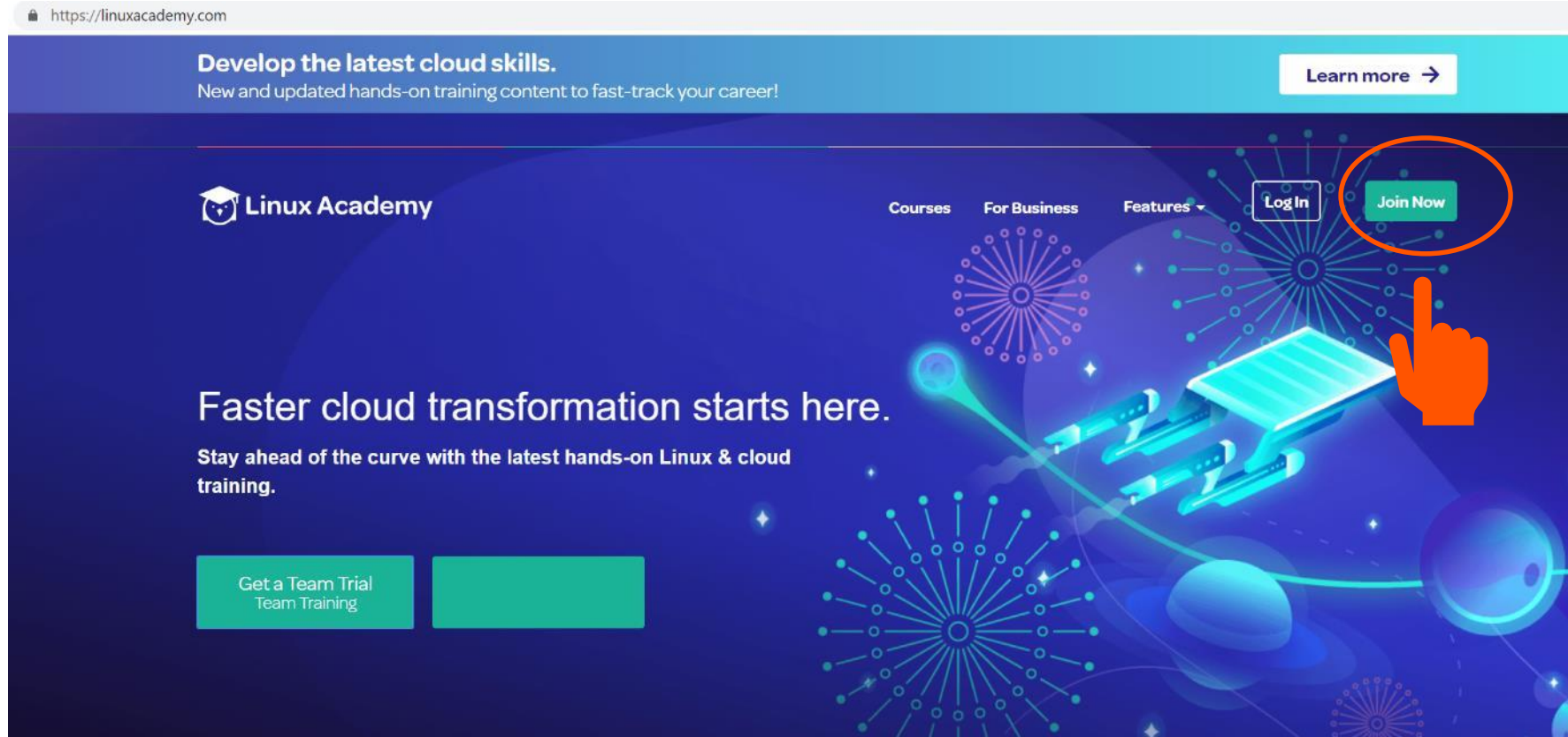


OPENACC LABS INSTRUCTIONS

Hands-on labs using Linux Academy

1. CREATE AN ACCOUNT

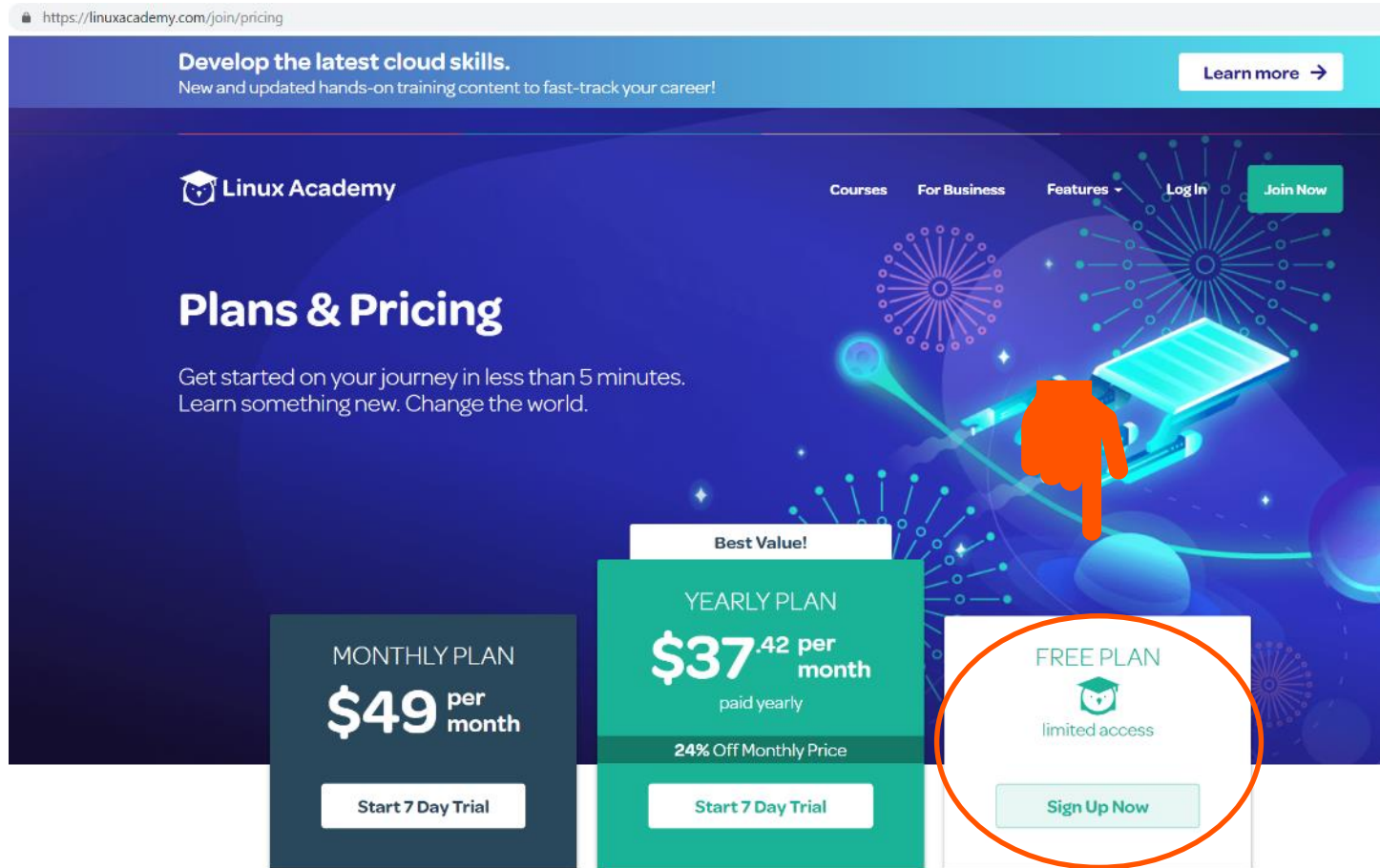
Go to www.linuxacademy.com and click “Join Now”



If you already have an account “Log In” and go to step 5

2. SELECT FREE PLAN

Click “Sign Up Now” under FREE PLAN



The screenshot shows the Linux Academy pricing page. At the top, a blue banner reads "Develop the latest cloud skills. New and updated hands-on training content to fast-track your career!" with a "Learn more" link. Below this is the Linux Academy logo and navigation links: "Courses", "For Business", "Features", "Log In", and a green "Join Now" button. The main heading is "Plans & Pricing", followed by the text "Get started on your journey in less than 5 minutes. Learn something new. Change the world." Three pricing cards are displayed: a dark blue "MONTHLY PLAN" for \$49 per month, a green "YEARLY PLAN" for \$37.42 per month (24% off monthly price), and a white "FREE PLAN" with limited access. An orange hand icon points to the "Sign Up Now" button on the Free Plan card, which is also circled in orange.

https://linuxacademy.com/join/pricing

Develop the latest cloud skills.
New and updated hands-on training content to fast-track your career!

Learn more →

Linux Academy

Courses For Business Features Log In Join Now

Plans & Pricing

Get started on your journey in less than 5 minutes.
Learn something new. Change the world.

MONTHLY PLAN
\$49 per month
Start 7 Day Trial

Best Value!
YEARLY PLAN
\$37.42 per month
paid yearly
24% Off Monthly Price
Start 7 Day Trial

FREE PLAN
limited access
Sign Up Now

3.FILL OUT THE FORM

Click “Join Now”

Linux Academy has helped thousands of people earn their certifications and advance their careers. We provide the best linux and cloud training for all skill levels.

Sign up for the free Community Edition of Linux Academy and get access to Linux Academy Beta as well. Join a vibrant and growing community of some of the world's leading Linux and cloud experts.

Free Community Edition of Linux Academy includes:

Select Linux Academy courses and Hands-on Labs!
In-depth how-to guides on a wide range of topics
Access to Linux Academy Beta
One of the largest Linux and cloud training communities
Note card decks created and curated by you and your fellow students

Deploy your potential

Join the community

☐ You agree to our [Terms of Service](#).

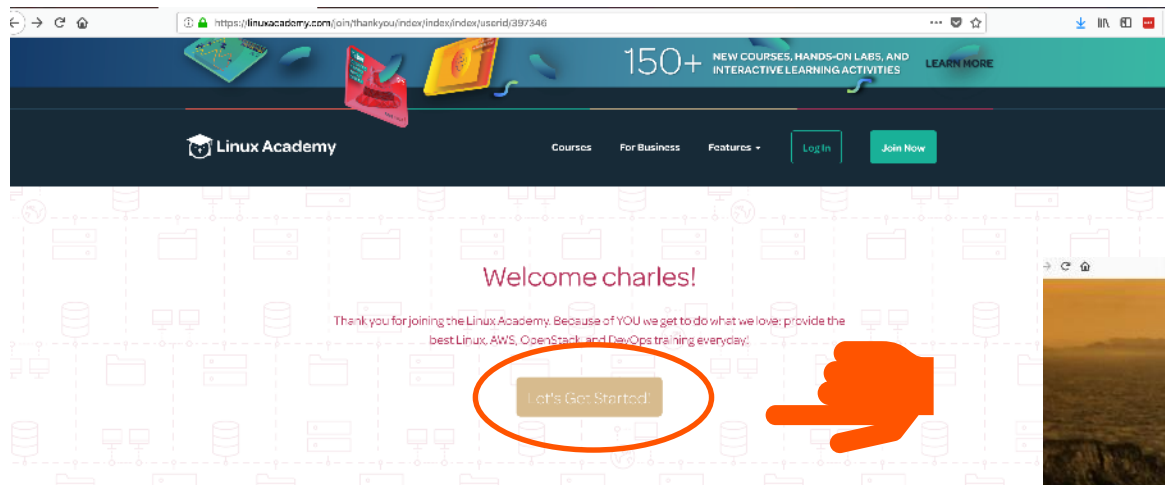
☐ I'm not a robot



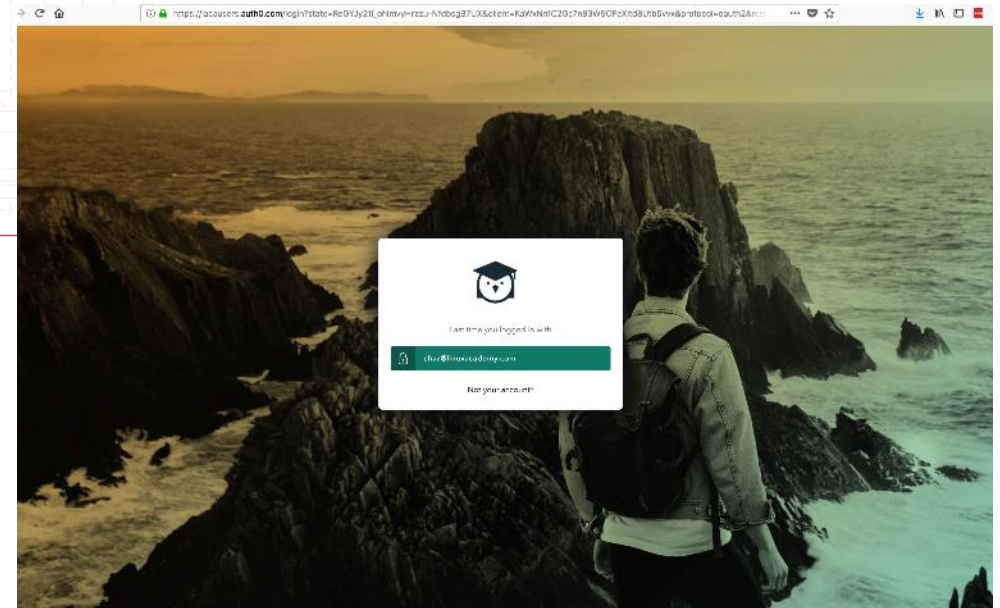
Join Now >

[Already a member? Log In.](#)

4. CLICK “LET’S GET STARTED”



SIGN IN

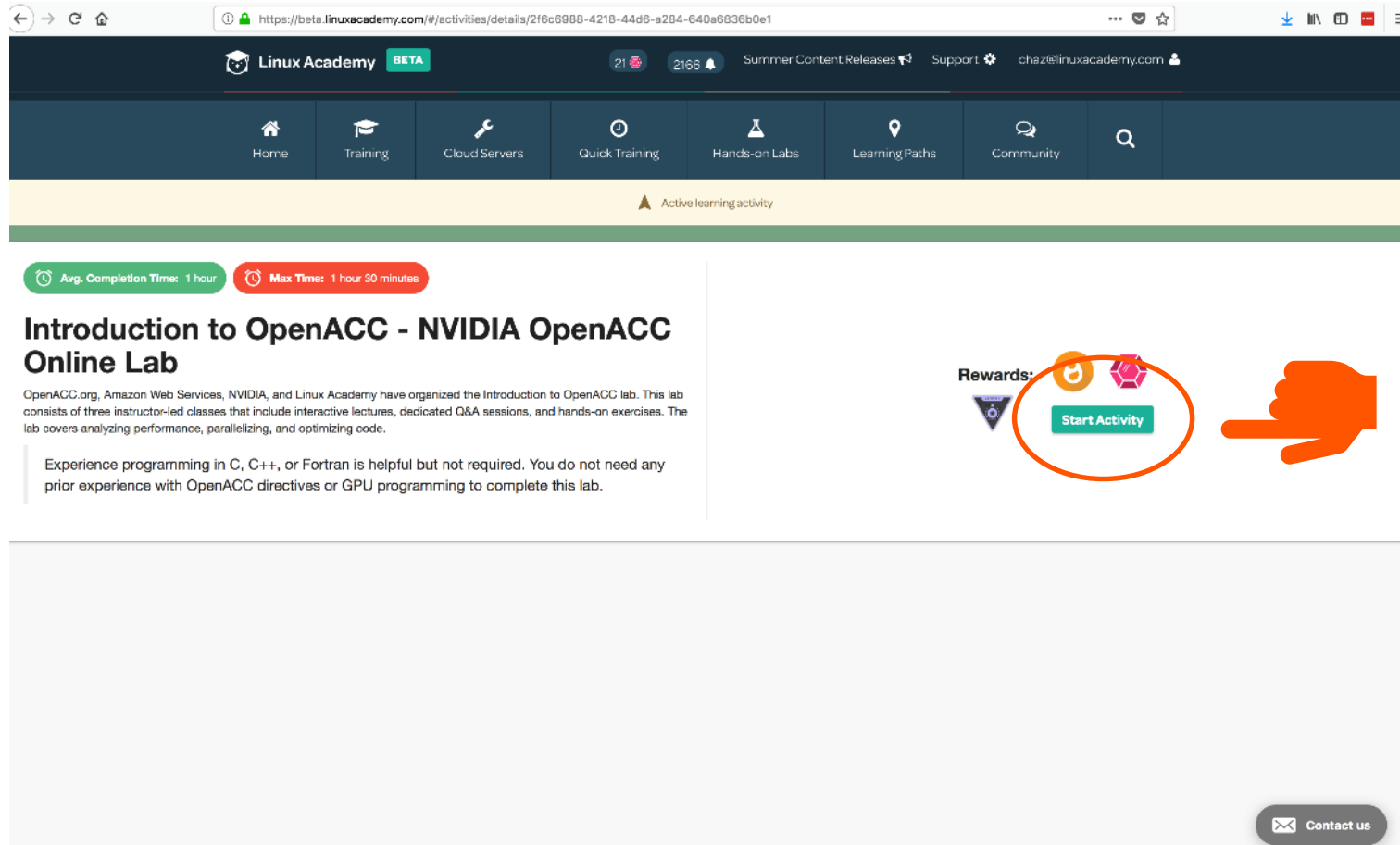


5. OPEN OPENACC LAB

Click on “Hands-on Labs”

- A unique URL will be provided to participants during the bootcamp
- Steps 6 to 10 will be followed during the bootcamp.

6. CLICK “START ACTIVITY”



The screenshot shows the Linux Academy website interface. The top navigation bar includes the Linux Academy logo, a BETA badge, and user information. Below the navigation bar is a horizontal menu with icons for Home, Training, Cloud Servers, Quick Training, Hands-on Labs, Learning Paths, and Community. A yellow banner below the menu indicates 'Active learning activity'. The main content area features a green box with 'Avg. Completion Time: 1 hour' and a red box with 'Max Time: 1 hour 30 minutes'. The title 'Introduction to OpenACC - NVIDIA OpenACC Online Lab' is prominently displayed. Below the title is a paragraph describing the lab. To the right of the text, there is a 'Rewards' section with two icons and a green 'Start Activity' button. A large orange hand icon points directly at the 'Start Activity' button, which is also circled in orange. At the bottom right of the page, there is a 'Contact us' button.

Linux Academy BETA

21 2166 Summer Content Releases Support chaz@linuxacademy.com

Home Training Cloud Servers Quick Training Hands-on Labs Learning Paths Community




Active learning activity

Avg. Completion Time: 1 hour Max Time: 1 hour 30 minutes

Introduction to OpenACC - NVIDIA OpenACC Online Lab

OpenACC.org, Amazon Web Services, NVIDIA, and Linux Academy have organized the Introduction to OpenACC lab. This lab consists of three instructor-led classes that include interactive lectures, dedicated Q&A sessions, and hands-on exercises. The lab covers analyzing performance, parallelizing, and optimizing code.

Experience programming in C, C++, or Fortran is helpful but not required. You do not need any prior experience with OpenACC directives or GPU programming to complete this lab.

Rewards:    [Start Activity](#)

Contact us

7. CLICK THE CLIPBOARD ICON TO COPY THE IP ADDRESS

Linux Academy BETA

Home Training Cloud Servers Quick Training Hands-on Labs Learning Paths Community

Active learning activity

Introduction to OpenACC - NVIDIA OpenACC Online Lab 42 Min. Remaining Complete Activity Cancel Activity

Credentials

CLOUD SERVER
Public Instance

How do I connect?

Public ip address of public instances:
52.12.12.212

Port 22 blocked?

Instructions & Tasks

Please copy the "Public IP Address" above, open a new tab in your browser, and paste the URL to open the instructions. These are the instructions you will follow along.

For the October 25th, 2018 lab session, please select instructions for "Lab 2"

For the first lab session (October 18th, 2018), please select instructions for "Lab 1"

NVIDIA LAB 1

Tools

Instant Terminal View Architectural Diagram

ANTHONY JAMES
Linux Academy

Welcome to Linux Academy!

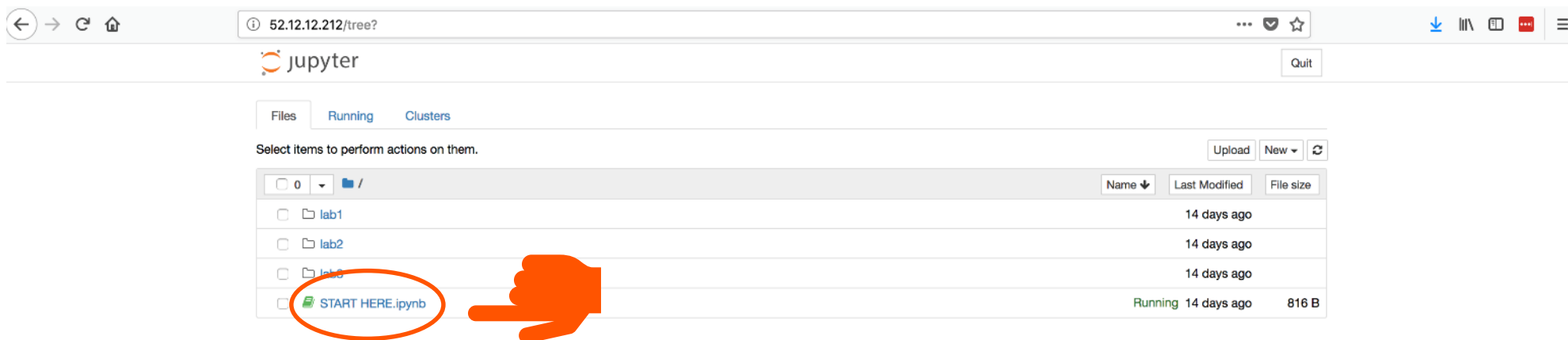
In this video, Linux Academy founder and CEO Anthony James welcomes you to Linux Academy and gives an overview of the lab activity.

Contact us

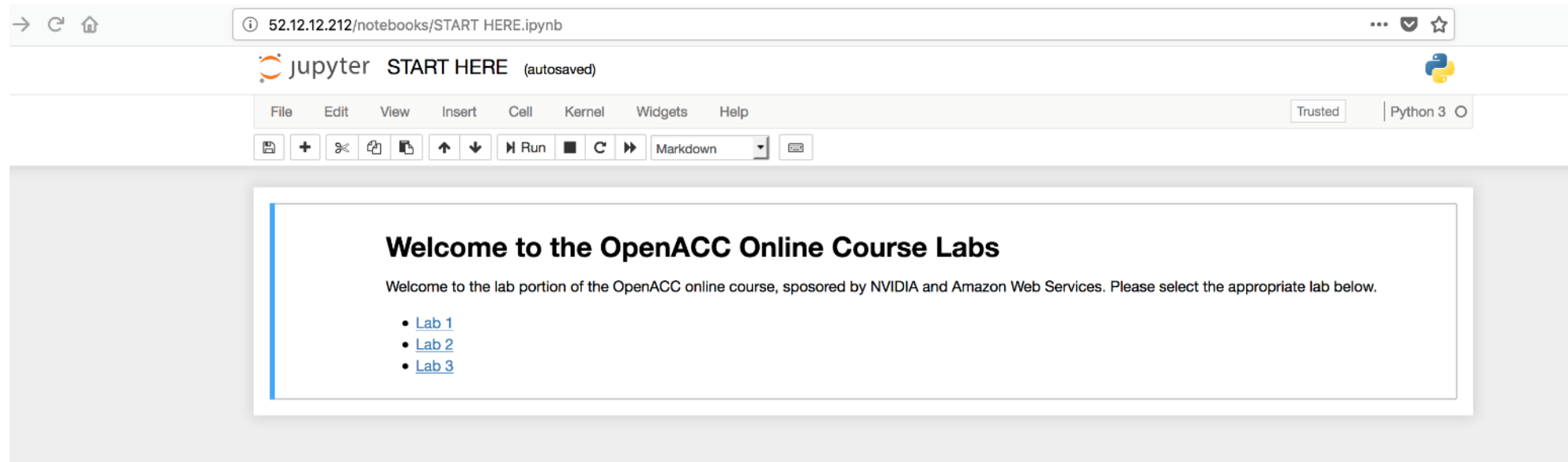
8. PASTE THE IP ADDRESS INTO A BROWSER



CLICK 'START HERE.IPYNB' TO ACCESS THE TUTORIAL



9. SELECT ONE OF OPENACC LABS



The screenshot shows a JupyterLab web interface in a browser. The address bar displays the URL `52.12.12.212/notebooks/START HERE.ipynb`. The page title is "jupyter START HERE (autosaved)". The top navigation bar includes menus for File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. On the right, it shows a "Trusted" status and "Python 3" as the selected kernel. Below the navigation bar is a toolbar with icons for file operations, running, and cell execution. The main content area features a white box with a blue border containing the following text:

Welcome to the OpenACC Online Course Labs

Welcome to the lab portion of the OpenACC online course, sponsored by NVIDIA and Amazon Web Services. Please select the appropriate lab below.

- [Lab 1](#)
- [Lab 2](#)
- [Lab 3](#)