
Develop a Web Application using frontend stack

FSD: Lab Guide - Phase 4



Get Certified. Get Ahead.

This section will guide you to:

- Use practice labs to execute all demos included in this course

This lab has two subsections, namely:

1. Starting practice labs on LMS
2. Using different IDEs and software required for Phase 4

Step 1: Starting practice labs on LMS

- Login to Simplilearn LMS
- Select Master Program and then Go to Program



- Click on the respective course (However, since all the courses/phases have same lab, so it can be launched from anyone of them.)
- On the left side, click on **PRACTICE LABS** tab
- As a new window opens, read the instructions and click on **LAUNCH LAB**

←

BACK

Implement OOPS using JAVA with Data Structures and Beyond

1 Class completed | 97% Self-Learning Videos Watched | 1/1 Projects Done

COMMUNITY

HELP

NOTES

SELF LEARNING

LIVE CLASSES

PRACTICE LABS

ASSESSMENT

CERTIFICATE

FSD Java

IMP: Dear learner,
Please note: This lab is configured based on the curriculum covered during the live virtual classes.
All details pertaining to the exercises in this lab are provided in the e-books available in your LMS account.

You can download the Lab Guides from here.

Your Labs are ready.

LAUNCH LAB

- Select RDP Access and Start Instance

←

BACK

Implement OOPS using JAVA with Data Structures and Beyond

1 Class completed | 97% Self-Learning Videos Watched | 1/1 Projects Done

COMMUNITY

HELP

NOTES

SELF LEARNING

LIVE CLASSES

PRACTICE LABS

ASSESSMENT

CERTIFICATE

FSD Java

This Lab will get reset on 23rd January 2022, 5:25 PM

Current Lab : Full Stack Java Developer

Access Information

Lab Details

Components

Log Details

Usage Details

Applications


Webconsole

RDP Access

Instance Actions

Start Instance

Instance status : **Stopped**
Last updated at : 2022-05-12 13:37

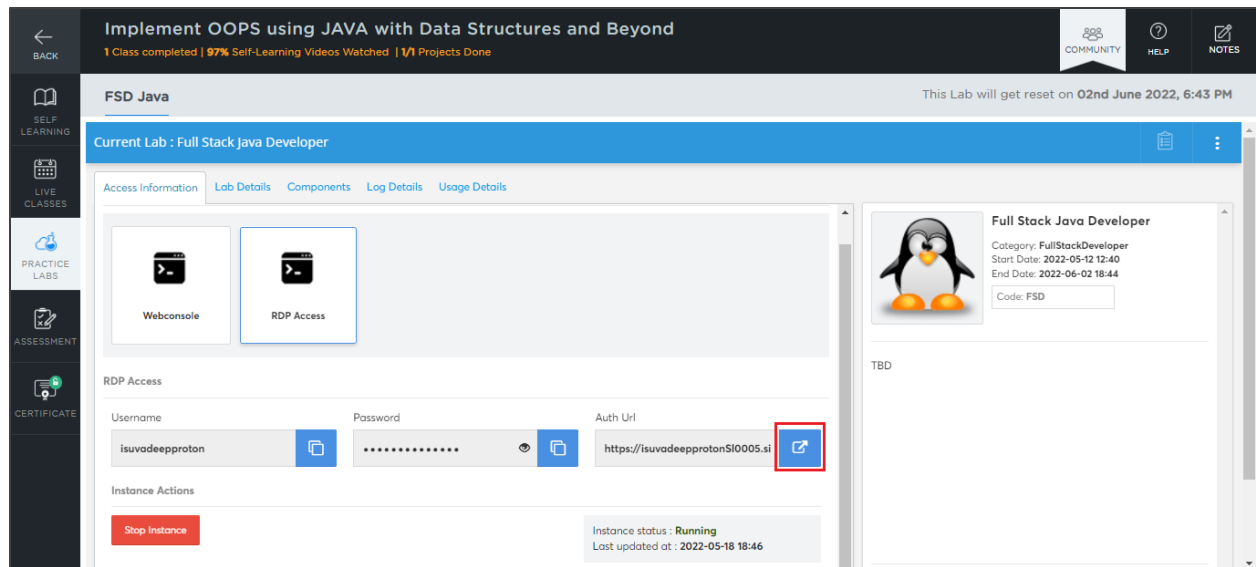


Full Stack Java Developer

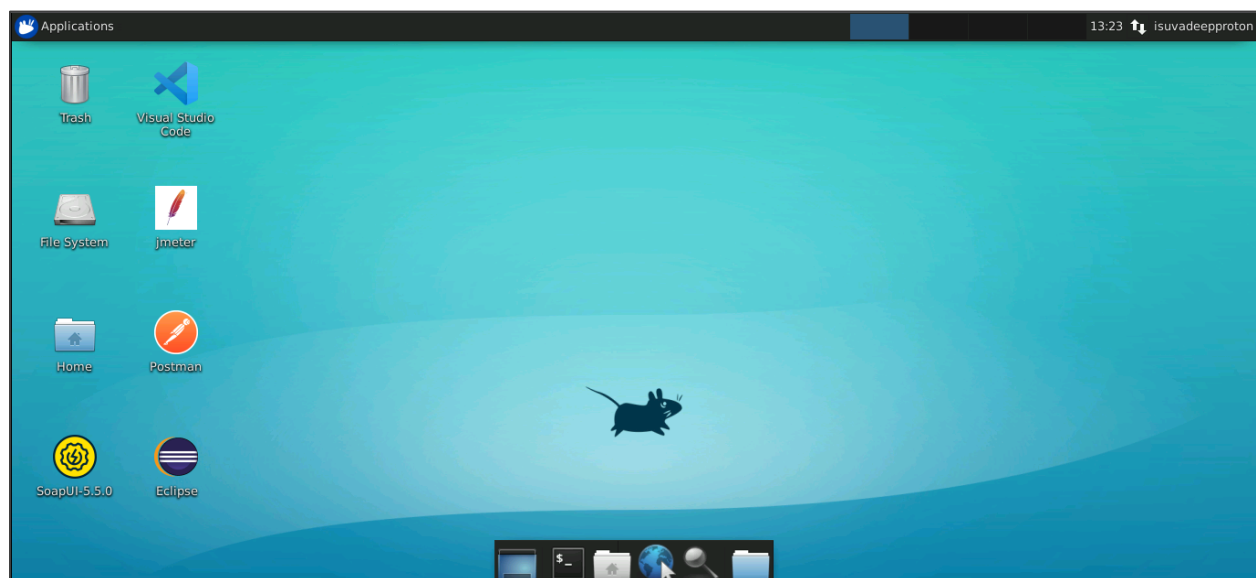
Category: FullStackDeveloper
Start Date: 2022-05-12 12:40
End Date: 2022-06-02 17:58
Code: FSD

TBD

- Click on Auth URL button



- You will be able to access IDEs and software which are present in labs

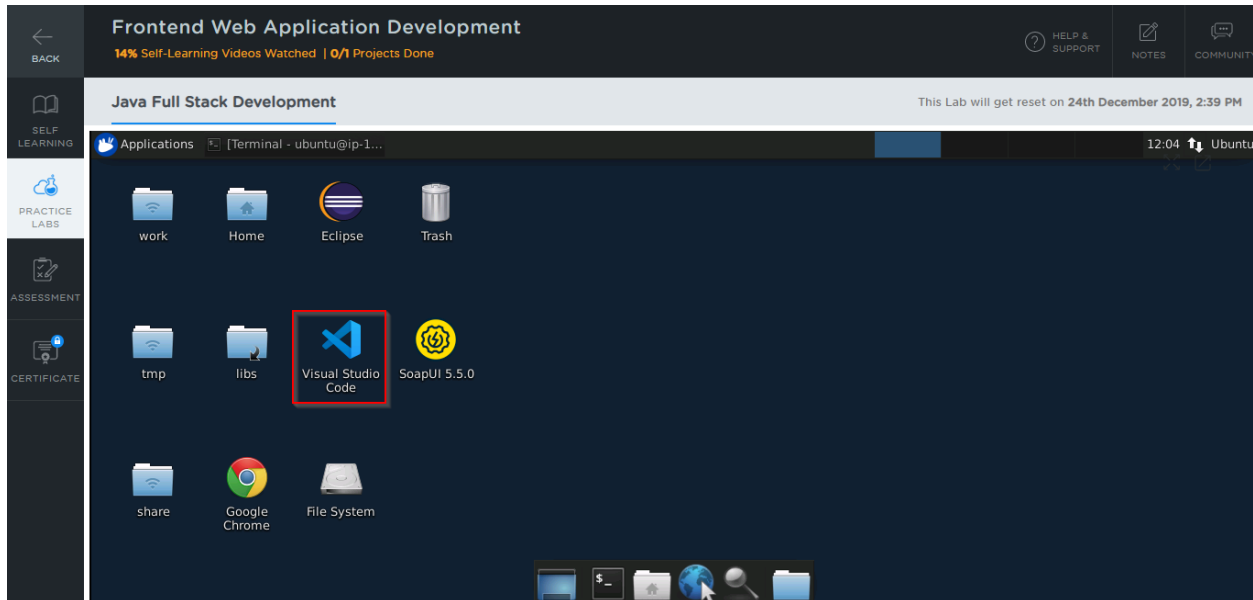


Step 2: Using different IDEs and software required for Phase 4

All the required IDEs and software can be accessed from the labs

Visual Studio Code:

- Visual Studio Code is already installed in your practice labs
- You can launch it by clicking on the **visual studio code** icon on your desktop



Node JS:

- Node JS 12.18.2 version is installed in your practice labs
- To verify the installation:
 - Open the command-line interface
 - Type the command:

`node -v`

```
nehavaidyasimpl@ip-172-31-81-156:~$ node -v
v12.18.2
nehavaidyasimpl@ip-172-31-81-156:~$
```

The command mentioned above displays the Node JS version installed in your practice lab

- If Node JS is not installed in your practice lab, you can install it using the commands:

```
sudo apt-get update  
sudo apt-get install nodejs
```

Jasmine:

- Jasmine has been installed in your practice lab using *npm*
- To verify the installation:
 - Open the command-line interface
 - Type the command:

```
jasmine version  
nehavaidyasimpl@ip-172-31-81-156:~$ jasmine version  
jasmine v3.5.0  
jasmine-core v3.5.0  
nehavaidyasimpl@ip-172-31-81-156:~$
```

- If Jasmine is not installed in your practice lab, you can install it using the command:

```
npm install -g jasmine
```

Angular:

- Angular has been installed in your practice labs using *npm*
- To verify the installation:
 - Open the command-line interface
 - Type the command:

```
ng --version
```

```
nehavaidyasimpl@ip-172-31-81-156:~$ ng --version
```

Angular CLI

Angular CLI: 9.1.7

Node: 12.18.2

OS: linux x64

Angular:

...

Ivy Workspace:

Package	Version

@angular-devkit/architect	0.901.7
@angular-devkit/core	9.1.7
@angular-devkit/schematics	9.1.7
@schematics/angular	9.1.7

- In case Angular is not installed in your practice lab, you can install it using the command:

```
npm install -g @angular/cli
```

MongoDB:

- To verify the installation:
 - Open the command-line interface
 - Type the command:

```
mongod --version
```

```
nehavaidyasimpl@ip-172-31-81-156:~$ mongod --version
db version v3.2.22
git version: 105acca0d443f9a47c1a5bd608fd7133840a58dd
OpenSSL version: OpenSSL 1.0.2g  1 Mar 2016
allocator: tcmalloc
modules: none
build environment:
  distmod: ubuntu1604
  distarch: x86_64
  target_arch: x86_64
nehavaidyasimpl@ip-172-31-81-156:~$ █
```

- In case MongoDB is not installed in your practice lab, you can install it using the commands:

```
sudo apt-get update
```

```
sudo apt-get install -y mongodb-org
```

clear