



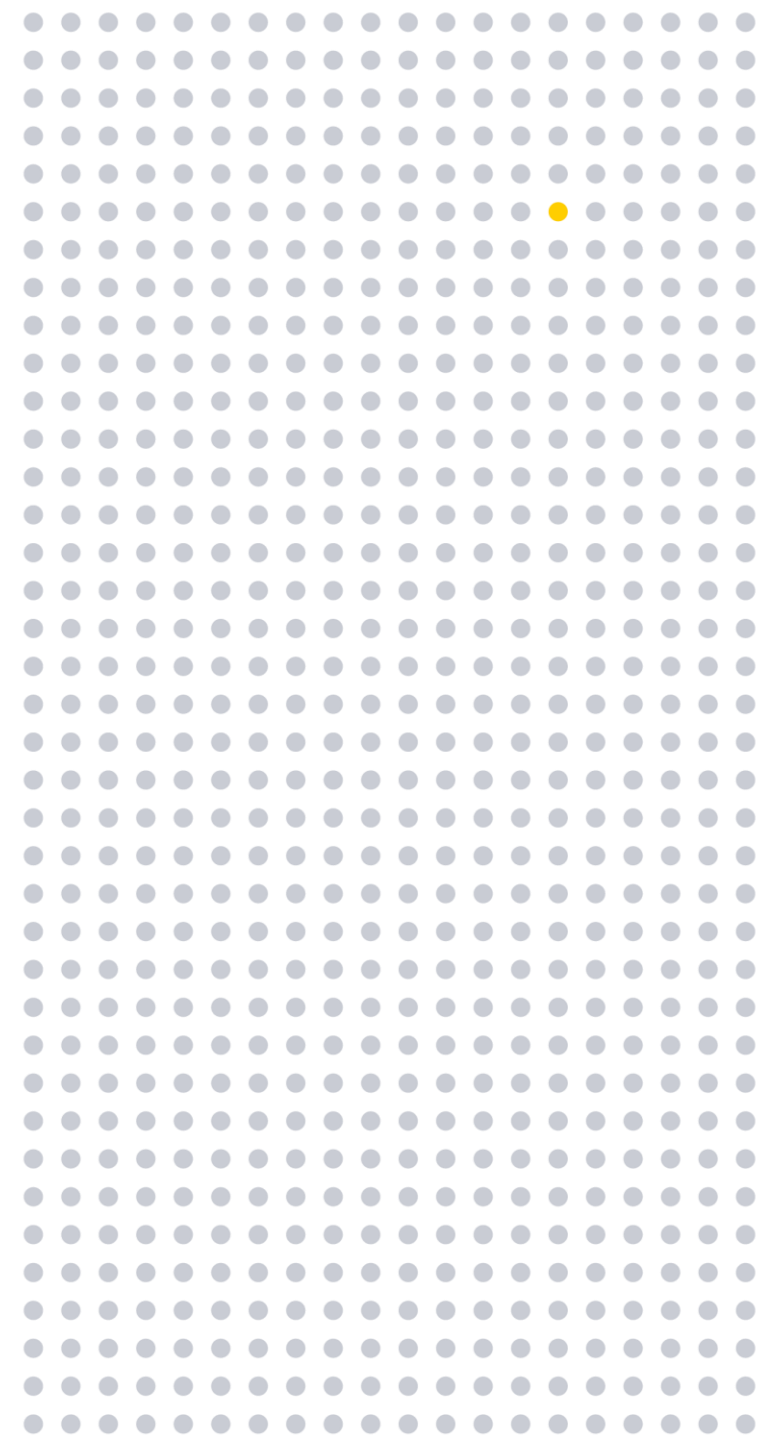
LAB 1

Sigma Academy CI-Course

PURPOSE OF LAB

- Get familiar with the Jenkins interface
- Learn basic actions
 - Start job
 - View log
 - Create job
 - Stop job
 - Understanding the job config

NOTE: All exercises assume that you have gone through the functional presentation.



START JOB AND VIEW THE LOG

- Start the job named “Lab 1- Start Me”
- When the job has finished, check the log and make note of what have failed and succeeded.

STOP A JOB

- Start the job “Lab 1 Start and stop me”
- Stop the job you started

CREATE A JOB

- Create a job that is a replica of the Lab1-Start Me job and name it “Lab1_1 <your name>”
- Modify the job to print your name

CREATE A NEW JOB WITH CUSTOM CONFIG

- Create a new Freestyle job called “Lab1_2 <your name>”
- The requirements of the job:
 - Should take 2 parameters, “Product Name” and “Company”.
 - No concurrent builds of the job
 - The job should only allow your user to run it, no one else. (except from Jenkins admins)
 - The job should print the company name and product name to the log

CREATE A NEW JOB THAT RUNS CODE FROM GITHUB

This is an extra task, it's not necessary to do but it's good practice

- Create a new Freestyle job called “Lab1_3 <your name>”
- Configure the job to fetch the “dev4242/project-x” repo
 - <https://github.com/dev4242/project-x>
- Run these commands in the job
 - “source ci/setup.sh”
 - “./apps/app00/test/test.sh”
- View the Log and make sure that the script was run