There are few typos in guides, as a temporary work around I have modified guides a little bit based on my experience and learnings from previous sessions.

**Disclaimer**: Your ultimate authentic source of truth will always be Guides provided by Simplilearn in LMS. This work is only to smoothen your lab navigating experience smoother and worry free while in class.

# Lesson 04 Version Control Systems

| Lesson 4  Demo 01 | No Need todo/UnAssisted/AlreadyDone |
| --- | --- |
| Lesson 4  Demo 02 | **Refer Simpli Learn LMS**  Create and Clone a GitHub Repository  **Same as Simplilearn LMS guide.**  [2 Create\_and\_Clone\_a\_GitHub\_Repository.docx](https://docs.google.com/document/d/1G2-O_qYC44MW_jfPAfVgNMUzFA8RiVZz/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 4  Demo 03 | Create a Pull Request in Git  [3 Create\_a\_Pull\_Request\_in\_Git.docx](https://docs.google.com/document/d/1n3Us_FPlK2V3ivzR8-6SiSDyUierxKlc/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 4  Demo 04 | Push file to GitHub Repository  [4 Push\_file\_to\_GitHub\_Repository.docx](https://docs.google.com/document/d/1Ed1Rmo-xQt9RDVoQ8BCzCh6BudK_IxjT/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 4  Demo 05 | Create a Branch in Git  [5 Create\_Branch\_in\_Git.docx](https://docs.google.com/document/d/16LTeMazfSgDFVfkpkB5uve1JdDd91RmB/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 4  Demo 06 | LMS |
| Lesson 4  Demo 07 | Merging Branches in Git  [7 Merging\_Branches\_in\_Git.docx](https://docs.google.com/document/d/1cYXYxRkp93LHwsKbxHiHgYxOd3xFMVbh/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |

# Lesson 05 - CI CD With Jenkins

| Bonus Guide by Trainer | Unlock Jenkins  [Unlock Jenkins](https://docs.google.com/document/d/1fwJy4UUnhqqfRhIbkXgN41KZ1exRekLZAKQICZgilco/edit?usp=sharing) |
| --- | --- |
| Lesson 5 Demo 1 | Integrate Git with Jenkins  [1 Integrate\_Git\_with\_Jenkins.docx](https://docs.google.com/document/d/1i9zvoaMgwNi3Iaurhg0xJuN_QQPHyHBY/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 5 Demo 2 | Creating a Freestyle Build Job  [u2 Creating\_a\_Freestyle\_Build\_Job.docx](https://docs.google.com/document/d/1nlrQXGuGbXc9w5eKnH5lWEzKTlnPLLmm/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 5 Demo 3 | Integrate Maven with Jenkins  [u3 Integrate\_Maven\_with\_Jenkins.docx](https://docs.google.com/document/d/1LIKQxSPKHZy10w4kSfJrgrZdu3lmUO3j/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 5 Demo 4 | Integrate Ant with Jenkins  Refer Simpli Learn LMS |
| Lesson 5 Demo 5 | Remote Triggering of a Parameterized Build  Refer Simpli Learn LMS |

# Lesson 06

| Lesson 6 Demo 1 | [1 Selenium WebDriver Installation and Integration in Eclipse.docx](https://docs.google.com/document/d/1L48v8gulumeCXtZb-qMljYSOH1DFoTSP/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| --- | --- |
| Lesson 6 Demo 2 | [2 Running the First Test Case.docx](https://docs.google.com/document/d/1aYlz--plPyZY52LEyvrdBzzOHG5Wi0jq/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 6 Demo 3 | [3 Setting up TesNg in Eclipse.docx](https://docs.google.com/document/d/1PA_R6IkctfvYVYd6RF4mbFhtOaoiFMMY/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 6 Demo 4 | [4 Testing the Automation Script.docx](https://docs.google.com/document/d/162Vsx6DPaZ0P34EJxfUoV2QXcsW_C3nh/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |
| Lesson 6 Demo 5 | 5 Adding Selenium Plugin to Jenkins  **Refer Simpli Learn LMS** |

# Lesson 07 Configuration Management

| Demo 01 | **Refer Simpli Learn LMS**  No Need todo/UnAssisted/AlreadyDone |
| --- | --- |
| Demo 02 | **Refer Simpli Learn LMS**  Demonstrate YAML Scripting |

# Lesson 08 Containerization with Docker

| Demo 01 | No Need todo/UnAssisted/AlreadyDone  Refer Simpli Learn LMS |
| --- | --- |
| Demo 02 | Performing CRUD Operation on Containers  Refer Simpli Learn LMS |
| Demo 03 | Creating a Docker Image  Refer Simpli Learn LMS |
| Demo 04 | Docker Compose Setup  Refer Simpli Learn LMS |
| Demo 05 | Docker Registry  Refer Simpli Learn LMS |
| Demo 06 | [6 Docker Networking with SSHs.docx](https://docs.google.com/document/d/1aIz_Xbyxm1-DFbLJllY3Bq8bxl8Hzlc9/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |

# Lesson 09 Monitoring

| Demo 01 | We are not doing this for now |
| --- | --- |
| Demo 02 | Continuous Monitoring on Docker with ELK Stack[2 Continuous\_Monitoring\_on\_Docker\_with\_ELK\_Stack.docx](https://docs.google.com/document/d/1BRxauqlRL0zlfxTsE8ur9h63gv9q8nk_/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true) |

# Lesson 10 Kubernetes

| Demo 01 | Is clubbed with next demo |
| --- | --- |
| Demo 02 | Pod Creation in Kubernetes  [2 Pod Creation.docx](https://docs.google.com/document/d/1iogIhMeZEziXlpMo35i63QKVHDgj5jCa/edit?usp=sharing&ouid=106895732756296152641&rtpof=true&sd=true)  **Note:**  For this lab you will use the following sandbox not the simplilearn lab.  <https://www.katacoda.com/courses/kubernetes/getting-started-with-kubeadm> |