# **Git DevOps Bootcamp Tasks**

# **Task 01**

**Scenario:**

**You are working in an organization as a DevOps Engineer and you are tasked to create a repository, follow the below steps:**

1. **Initialize a Git Repository:**

* Create a new folder named **MyProject** and initialize it as a Git repository.

1. **Commit Initial Code:**

* Inside **MyProject**, create a file named**index.html.**
* Write a simple HTML template in **index.html**.
* Stage and commit the file with the message **"Initial commit"**.

# **Task 02**

**Scenario:**

**You are tasked to ignore some files of MyProject Repository, follow the below steps:**

1. **Create .gitignore file:**

* Create a **.gitignore** file in your repository.

1. **Add rules to ignore files:**

* Add some rules to ignore files **(e.g., \*.log).**

1. **Commit the file:**

* Stage and commit the **.gitignore** file with the message **"Add .gitignore file".**

# **Task 03**

**Scenario:**

**You are tasked to deploy the website using Nginx. Here the instructions to follow:**

1. Install Git or GitHub Desktop on your system.
2. Download the website from the following URL in a directory [**https://www.free-css.com/free-css-templates/page296/carvilla**](https://www.free-css.com/free-css-templates/page296/carvilla) in your system.
3. Make a commit of whole data with the name **"Initial Commit"**
4. Make remote access to the GitHub Repository.
5. Now commit this code to GitHub in a Repository in **main** branch.
6. Add some changes in your websites **(stored in your system, that was downloaded from**[**https://www.free-css.com/free-css-templates/page296/carvilla**](https://www.free-css.com/free-css-templates/page296/carvilla)**)**and push it to GitHub.
7. Now use another machine or online platform as a Central Server and clone the above mentioned repository there.
8. Once the repository is cloned, install Nginx in server machine and deploy the website content using Nginx.
9. Access the website using Nginx on browser.
10. Once the website is reachable, make changes from local machine, push it to  
    GitHub then clone it in server machine and check changes.