BASIC - CI/CD SETUP

Problem Statement

Setup a CI/CD pipeline using the tools of your choice(or preferably the mentioned tools).
1. It should deploy a simple web application to a server on a code push to a repository.
2. The deployed web application should be reachable on any web browser.
3. Make it scalable such that when load increases the number of servers scale up and down making sure the new servers have the updated code.

Additional requirements

1. Setup to be done using AWS, Jenkins, CodeDeploy
2. Jenkins should not be on the same server as the application being deployed to

Tools

1. Jenkins
2. Git/Bitbucket
3. AWS EC2
4. AWS CodeDeploy

Submission

1. Briefly document
   a. Each step as it is being done.
   b. What problems have you encountered and what you have done.
2. Make a demo video(screen record) and give a walkthrough of what you did.

Problem Statement

Write a shell script to create a file in multiple folder which contains a folder name oriserve only. Explanation is below.

1. Create a dir with the projects name then in this projects dir create a few folders with or without the oriserve folder as shown below.
   projects/facebook
   projects/google
   └── oriserve
   projects/meta
   └── oriserve

projects/oracle

2. find the oriserve dir from projects then create a file in that folder that contains only the oriserve folder. Output should be as shown below.
    projects/facebook
    projects/google
    └── oriserve
        └── test.txt
    projects/meta
    └── oriserve
        └── test.txt
    projects/oracle

Timeline

3 days

Note: If an extension of the timeline is required, please email at least 1 prior day to the deadline with the appropriate reason.