Project Name: Setting Up Jenkins Pipeline to Deploy Docker Swarm.

GitHub Link:

<https://github.com/tamasjit/myjavaproject/tree/master/Phase%205/Phase-5_Practice_Project/q4_Setting_Up_Jenkins_Pipeline_to_Deploy_Docker_Swarm>

## Project Description and objective:

### You have to develop an environment for Docker networking.

As you have worked on Docker containers previously, your manager has asked you to perform container scheduling over multiple hosts using Docker CLI and connect multiple hosts with Docker containers.

### Steps taken:

### ● A few of the source code should be tracked on GitHub repositories. You need to document the tracked files that are ignored during the final push to the GitHub repository.

### ● Submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.

### ● The step-by-step process involved in completing this task should be documented.

### Technology Used:

## ● Jenkins: To create a pipeline to deploy Docker Swarm

## ● Docker Swarm: To implement container networking

## ● Git: To connect and push files from the local system to GitHub

## ● GitHub: To store the Angular application

## Execution:

After Successfully Deployment the Application will be show on 8081 port.