Project : Jenkins Pipeline to Deploy Docker Swarm Description

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DESCRIPTION---

Project objective:

You have to develop an environment for Docker networking.
Background of the problem statement:

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.

You must use the following:

● 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

Following requirements should be met:

● 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

Steps:

 :: Select pipeline project
Link: https://github.com/Nikunj-Java/SpringBootDockerApp.git

:: Save it click on build now

If you are getting permission denied error in build

    Run below code:
 >sudo chmod 777 /var/run/docker.sock

:click on Build Now

::Goto moba xterm and run below code

>Sudo docker images