ContDeploy Job setup in Jenkins:

Pre-Requisite:

- Run below command to add Jenkins user to docker group.

  sudo usermod -aG docker jenkins
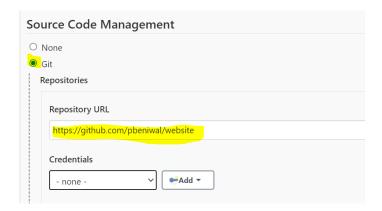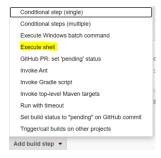
  sudo systemctl restart jenkins

ContDeploy Job:

1. New Item → <Job Name> → Free Style →

    Enter an item name

    ContDeploy

    » A job already exists with the name 'ContDeploy'

    Freestyle project
    This is the central feature of Jenkins. Jenkins will build your project, combining
    something other than software build.

2. Update Source Code Management (Please specify your own github project for cloning)

    Source Code Management

    ○ None
    ● Git
    Repositories

    Repository URL

    https://github.com/pbeniwal/website

    Credentials

    - none -   ●─Add ▾

3. Add Build Step as highlighted below:

    Conditional step (single)
    Conditional steps (multiple)
    Execute Windows batch command
    Execute shell
    GitHub PR: set 'pending' status
    Invoke Ant
    Invoke Gradle script
    Invoke top-level Maven targets
    Run with timeout
    Set build status to "pending" on GitHub commit
    Trigger/call builds on other projects

    Add build step ▾

- Specify highlighted text in command box (Docker push will work only if you have given sudo privileges to jenkins user and performed docker login with jenkins user at least once. Otherwise try docker plugin of Jenkins):

  docker build -t pbeniwal/apache:v$BUILD_NUMBER .

  docker push pbeniwal/apache:v$BUILD_NUMBER

  docker rm -f myapache82

  docker run -d --name=myapache82 -p 82:80 pbeniwal/apache:v$BUILD_NUMBER

Execute shell

Command

```
docker build -t pbeniwal/apache:v$BUILD_NUMBER .
docker push pbeniwal/apache:v$BUILD_NUMBER
docker rm -f myapache82
docker run -d --name=myapache82 -p 82:80 pbeniwal/apache:v$BUILD_NUMBER
```