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| --- | --- | --- |
| Stage | Local (PC/Jenkins/Docker Desktop/Minikube | Remote(GitHub/DockerHub/Cloud) |
| Project Folder (D:\MS)  D:\MS>dir  Volume in drive D is Work  Directory of D:\MS  09-07-2024 22:47 <DIR> .metadata  09-07-2024 22:48 <DIR> apigateway  09-07-2024 22:47 <DIR> articlesprbootapp  09-07-2024 22:47 <DIR> eurekaclient  09-07-2024 22:47 <DIR> eurekaserver | Local PC | NA |
| Right click on here and open git bash | Git bash | Create a repository in GitHub as name MS |
| ayadmin@Monkey-PC MINGW64 /d/MS  $ git init  Initialized empty Git repository in D:/MS/.git/  ayadmin@Monkey-PC MINGW64 /d/MS (master)  $ git add .  ayadmin@Monkey-PC MINGW64 /d/MS (master)  $ git commit -m "First commit" | Git bash | Copy the git repo from the repository  https://github.com/ganesh2soft/MS.git |
| ayadmin@Monkey-PC MINGW64 /d/MS (master)  $ git remote add origin https://github.com/ganesh2soft/MS.git  ayadmin@Monkey-PC MINGW64 /d/MS (master)  $ git branch -M main  ayadmin@Monkey-PC MINGW64 /d/MS (main)  $ git push origin main  Enumerating objects: 2163, done.  Counting objects: 100% (2163/2163), done.  Delta compression using up to 12 threads  Compressing objects: 100% (1864/1864), done.  Writing objects: 100% (2163/2163), 84.51 MiB | 6.80 MiB/s, done.  Total 2163 (delta 503), reused 0 (delta 0), pack-reused 0 (from 0)  remote: Resolving deltas: 100% (503/503), done.  To https://github.com/ganesh2soft/MS.git  \* [new branch] main -> main | Git Bash | NA |
| Go to localhost:8080(Jenkins) and get login.  Perform Manage Jenkins, Global Tool Configuration(Maven Setting, Git, etc..)  Also, Install Plugins necessaryily | Jenkins (PC) | NA |
| Create new Item 🡪 Supply Name (any name)  devops101 as name and project type as Pipeline and give ok. | Jenkins (PC) | NA |
| Configure the project devops101 as below  1.Inside General Setting  Provide GitHub Repo URL  <https://github.com/ganesh2soft/MS> and apply | Jenkins(PC) | NA |
| 2. Under Pipeline🡪 Pipeline script |  |  |
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