



PARSHVANATH CHARITABLE TRUST'S
A. P. SHAH INSTITUTE OF TECHNOLOGY
Department of Information Technology
(NBA Accredited)



Department of Information Technology

Academic Year: 2023-24

Semester: V

Class / Branch: SEIT/Div A

Subject: DevOps Lab

Name of Instructor: Sonal Jain

Name of Student: Soham Dalvi

Student ID: 21104010

Date of Performance: 1/8/23

Date of Submission: 1/8/23

Experiment No. 1

Aim: To perform installation of Git and work on local and remote Git repositories

```
nothing added to commit but untracked files present (use "git add" to track)
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/Soham# git --version
git version 2.34.1
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/Soham# which git
/usr/bin/git
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/Soham# git config --global user.name "Soham01011"
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/Soham# git config --global user.email "crafterking@tutanota.com"
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/Soham# git config --global --list
user.email=crafterking@tutanota.com
user.name=Soham01011
```

```

root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git commit -m "first commit"
[master (root-commit) df195a7] first commit
1 file changed, 1 insertion(+)
create mode 100644 soham.txt
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git log
commit df195a714bc0327e5003356c2cdb1258f002c7d2 (HEAD -> master)
Author: Soham01011 <crafterking@tutanota.com>
Date: Tue Aug 1 14:46:10 2023 +0530

    first commit
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git log --online-line
fatal: unrecognized argument: --online-line
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git log --oneline
df195a7 (HEAD -> master) first commit
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git show df195a7
commit df195a714bc0327e5003356c2cdb1258f002c7d2 (HEAD -> master)
Author: Soham01011 <crafterking@tutanota.com>
Date: Tue Aug 1 14:46:10 2023 +0530

    first commit

diff --git a/soham.txt b/soham.txt
new file mode 100644
index 0000000..d237dff
--- /dev/null
+++ b/soham.txt
@@ -0,0 +1 @@
+hello this is test file
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git show 26325c6
fatal: ambiguous argument '26325c6': unknown revision or path not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# █

```

awdawdawdawd

```

ded modes of authentication.
fatal: Authentication failed for 'https://github.com/Soham01011/DL-2.git/'
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git push origin master
Username for 'https://github.com': Soham01011
Password for 'https://Soham01011@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on currently recommen
ded modes of authentication.
fatal: Authentication failed for 'https://github.com/Soham01011/DL-2.git/'
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# git push origin master
Username for 'https://github.com': Soham01011
Password for 'https://Soham01011@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 238 bytes | 238.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Soham01011/DL-2.git
 * [new branch]      master -> master
root@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:/home/apsit/Documents/SOham/git-demo-project2# █

```

Conclusion: Hence we studied how to install git and work on local and remote git repositories.