

## **Experiment No. 3**

### **AIM: Create a GitHub/GitLab repository and upload sample code**

Step 1: Download from <https://git-scm.com>

Step 2: Configuration

```
git config --global user.name "prashantvala"  
git config --global user.email "prashantvala40@gmail.com"
```

Step 3:

```
C:\Users\prash>cd desktop
```

```
C:\Users\prash\Desktop>mkdir OST_Practical3
```

```
C:\Users\prash\Desktop>cd OST_Practical3
```

```
C:\Users\prash\Desktop\OST_Practical3>git init  
Initialized empty Git repository in C:/Users/prash/Desktop/OST_Practical3/.git/
```

```
C:\Users\prash\Desktop\OST_Practical3>git --version  
git version 2.53.0.windows.1
```

```
C:\Users\prash\Desktop\OST_Practical3>notepad index.html
```

```
C:\Users\prash\Desktop\OST_Practical3>type index.html
```

```
<!DOCTYPE html>  
<html>  
<head>  
  <title>OST Practical 3</title>  
</head>  
<body>  
  <h1>Prashant Vala</h1>  
  <p>Open Source Technologies</p>  
  <p>Practical 3</p>  
</body>  
</html>
```

```
C:\Users\prash\Desktop\OST_Practical3>git add index.html
```

```
C:\Users\prash\Desktop\OST_Practical3>git commit -m "Added index.html"  
[main (root-commit) 4e01837] Added index.html  
1 file changed, 11 insertions(+)  
create mode 100644 index.html
```

```
C:\Users\prash\Desktop\OST_Practical3>git remote add origin  
https://github.com/prashantvala/OST\_Prashant\_Vala.git
```

```
C:\Users\prash\Desktop\OST_Practical3>git branch -M main
```

```
C:\Users\prash\Desktop\OST_Practical3>git push -u origin main  
To https://github.com/prashantvala/OST\_Prashant\_Vala.git  
! [rejected]        main -> main (fetch first)  
error: failed to push some refs to 'https://github.com/prashantvala/OST\_Prashant\_Vala.git'  
hint: Updates were rejected because the remote contains work that you do not  
hint: have locally. This is usually caused by another repository pushing to
```



hint: the same ref. If you want to integrate the remote changes, use  
hint: 'git pull' before pushing again.  
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

```
C:\Users\prash\Desktop\OST_Practical3>git pull origin main --allow-unrelated-histories
remote: Enumerating objects: 25, done.
remote: Counting objects: 100% (25/25), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 25 (delta 3), reused 15 (delta 3), pack-reused 0 (from 0)
Unpacking objects: 100% (25/25), 1.35 MiB | 2.26 MiB/s, done.
From https://github.com/prashantvala/OST_Prashant_Vala
* branch          main          -> FETCH_HEAD
* [new branch]    main          -> origin/main
Merge made by the 'ort' strategy.
 Experiment-1.docx | Bin 0 -> 19510 bytes
 Experiment-1.pdf  | Bin 0 -> 116067 bytes
 OST_Syllabus.pdf | Bin 0 -> 1311366 bytes
 README.md        | 1 +
 sample.txt       | 2 ++
5 files changed, 3 insertions(+)
create mode 100644 Experiment-1.docx
create mode 100644 Experiment-1.pdf
create mode 100644 OST_Syllabus.pdf
create mode 100644 README.md
create mode 100644 sample.txt
```

```
C:\Users\prash\Desktop\OST_Practical3>git push -u origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 639 bytes | 639.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/prashantvala/OST_Prashant_Vala.git
 701d679..b1951d9 main -> main
branch 'main' set up to track 'origin/main'.
```

```
Command Prompt
Microsoft Windows [Version 10.0.26200.7840]
(c) Microsoft Corporation. All rights reserved.

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C:\Users\prash>cd desktop

C:\Users\prash\Desktop>mkdir OST_Practical3

C:\Users\prash\Desktop>cd OST_Practical3

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Initialized empty Git repository in C:/Users/prash/Desktop/OST_Practical3/.git/

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git version 2.53.0.windows.1

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<body>
  <h1>Prashant Vala</h1>
  <p>Open Source Technologies</p>
  <p>Practical 3</p>
</body>
</html>
C:\Users\prash\Desktop\OST_Practical3>git add index.html

C:\Users\prash\Desktop\OST_Practical3>git commit -m "Added index.html"
[main (root-commit) 4e01827] Added index.html
1 file changed, 11 insertions(+)
create mode 100644 index.html

C:\Users\prash\Desktop\OST_Practical3>git remote add origin https://github.com/prashantvala/OST_Prashant_Vala.git
```

```
Command Prompt

C:\Users\prash\Desktop\OST_Practical3>git branch -M main

C:\Users\prash\Desktop\OST_Practical3>git push -u origin main
To https://github.com/prashantvala/OST_Prashant_Vala.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/prashantvala/OST_Prashant_Vala.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

C:\Users\prash\Desktop\OST_Practical3>git pull origin main --allow-unrelated-histories
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Delta compression using up to 8 threads
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Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
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```
Command Prompt
Unpacking objects: 100% (25/25), 1.35 MiB | 2.26 MiB/s, done.
From https://github.com/prashantvala/OST_Prashant_Vala
* branch          main       -> FETCH_HEAD
* [new branch]    main       -> origin/main
Merge made by the 'ort' strategy.
 Experiment-1.docx | Bin 0 -> 19510 bytes
 Experiment-1.pdf  | Bin 0 -> 116867 bytes
 OST_Syllabus.pdf  | Bin 0 -> 1311366 bytes
 README.md         | 1 +
 sample.txt        | 2 ++
5 files changed, 3 insertions(+)
create mode 100644 Experiment-1.docx
create mode 100644 Experiment-1.pdf
create mode 100644 OST_Syllabus.pdf
create mode 100644 README.md
create mode 100644 sample.txt

C:\Users\prash\Desktop\OST_Practical3>git push -u origin main
Enumerating objects: 6, done.
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