



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'.
```



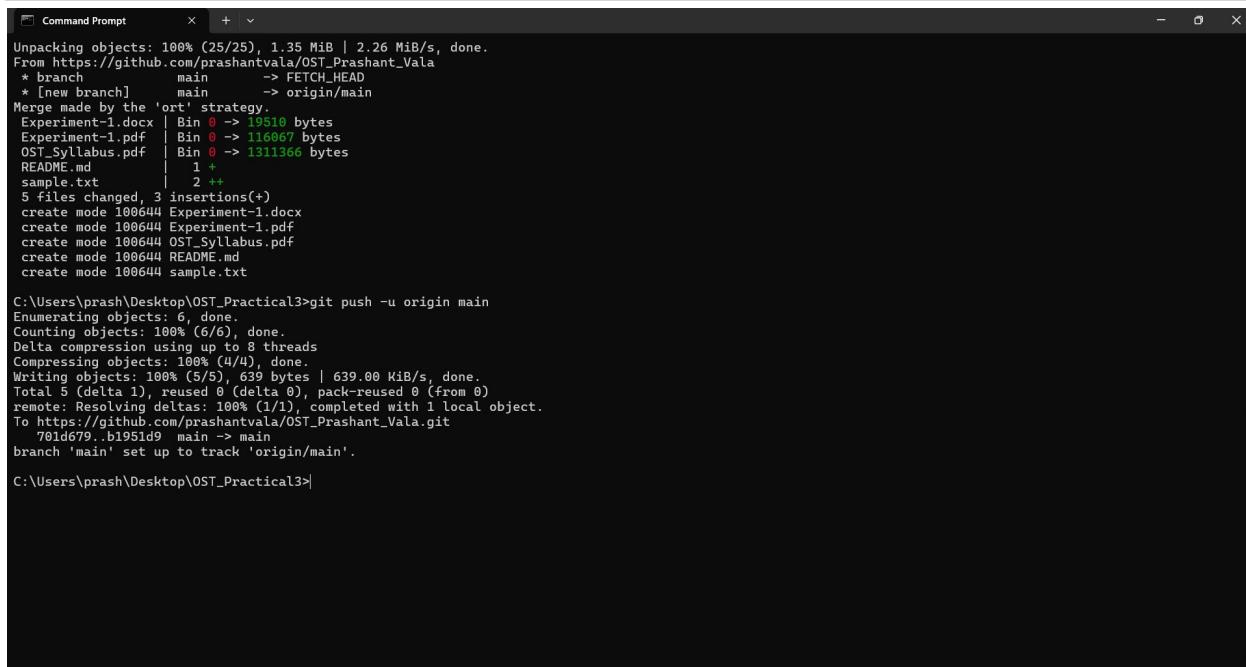
```
Command Prompt
Microsoft Windows [Version 10.0.26200.7840]
(c) Microsoft Corporation. All rights reserved.

C:\Users\prash>git config --global user.name "prashantvala"
C:\Users\prash>git config --global user.email "prashantvala40@gmail.com"
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
```

```
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
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

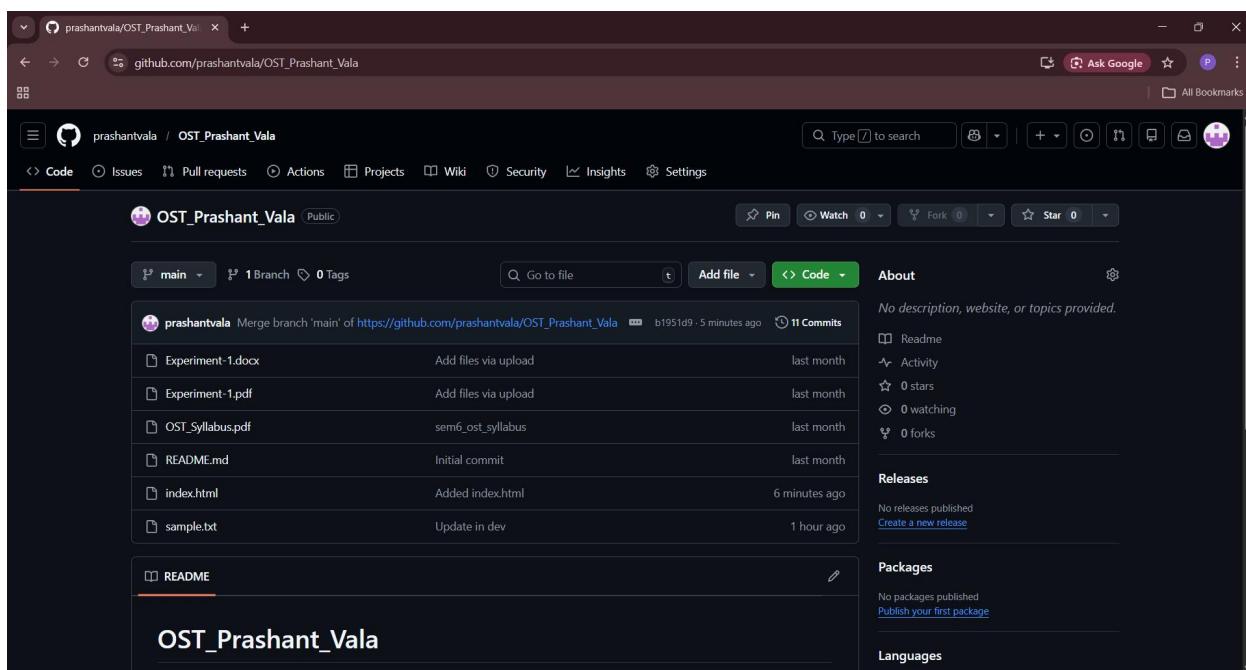
C:\Users\prash\Desktop\OST_Practical3>git push -u origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 639 bytes | 639.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
```



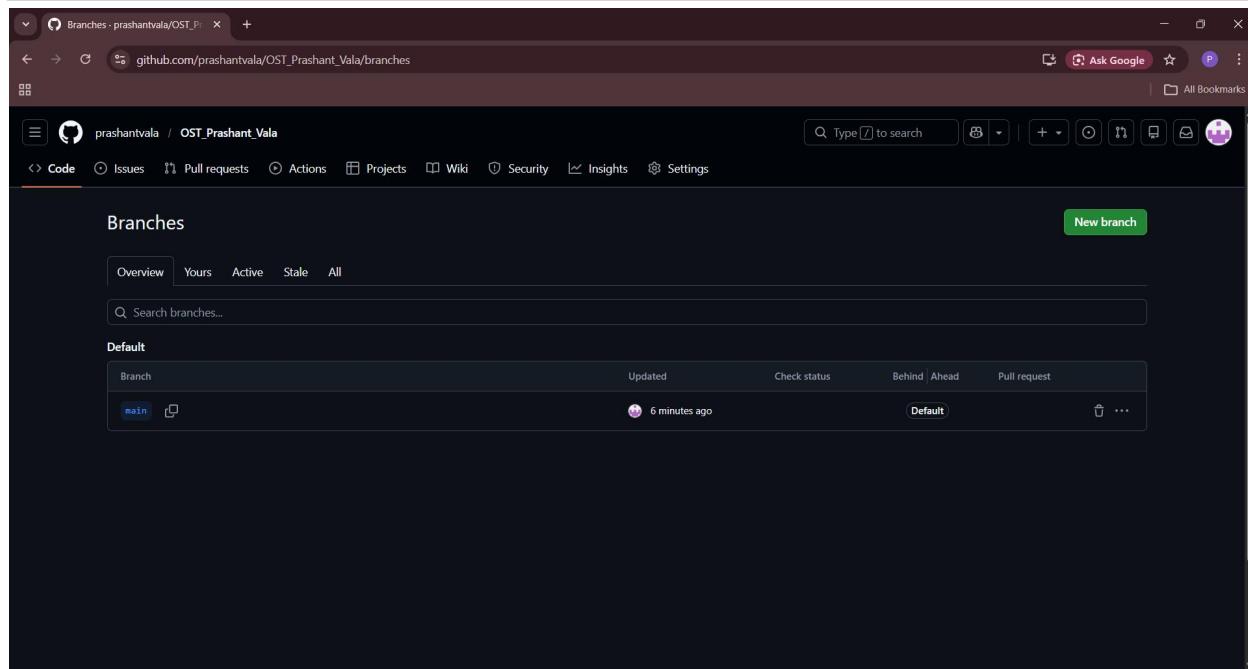
```
Command Prompt
Unpacking objects: 100% (25/25), 1.35 MiB | 2.26 MiB/s, done.
From https://github.com/prashantvala/OST_Prashant_Vala
 * branch            main      -> FETCH_HEAD
 * [new branch]      main      -> origin/main
Merge made by the 'ort' strategy.
Experiment-1.docx | Bin 0 -> 19518 bytes
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.
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
    b1951d9..b1951d9  main -> main
branch 'main' set up to track 'origin/main'.

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



The screenshot shows a GitHub repository page for 'OST_Prashant_Vala'. The repository has 1 branch and 0 tags. It contains several files: Experiment-1.docx, Experiment-1.pdf, OST_Syllabus.pdf, README.md, index.html, and sample.txt. The README file is visible. The repository has 11 commits, the latest being a merge from 'main'. There is no description or website provided. The repository has 0 stars, 0 forks, and 0 watching.



A screenshot of a web browser displaying the GitHub 'Branches' page for the repository 'prashantvala/OST_P'. The page shows a single branch named 'main'. The 'main' branch is highlighted in blue. Other columns include 'Updated' (6 minutes ago), 'Check status' (Default), 'Behind' (0), 'Ahead' (0), and 'Pull request' (None). Navigation tabs at the top include 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. A green button labeled 'New branch' is visible in the top right corner.