

Practical Experiment No. 2

Step 1

1. Create a random folder by using mkdir in the terminal [Here, **prac2dev**]
2. Save a java code (addition of 2 numbers) . I named the file as **Additionnew.java**

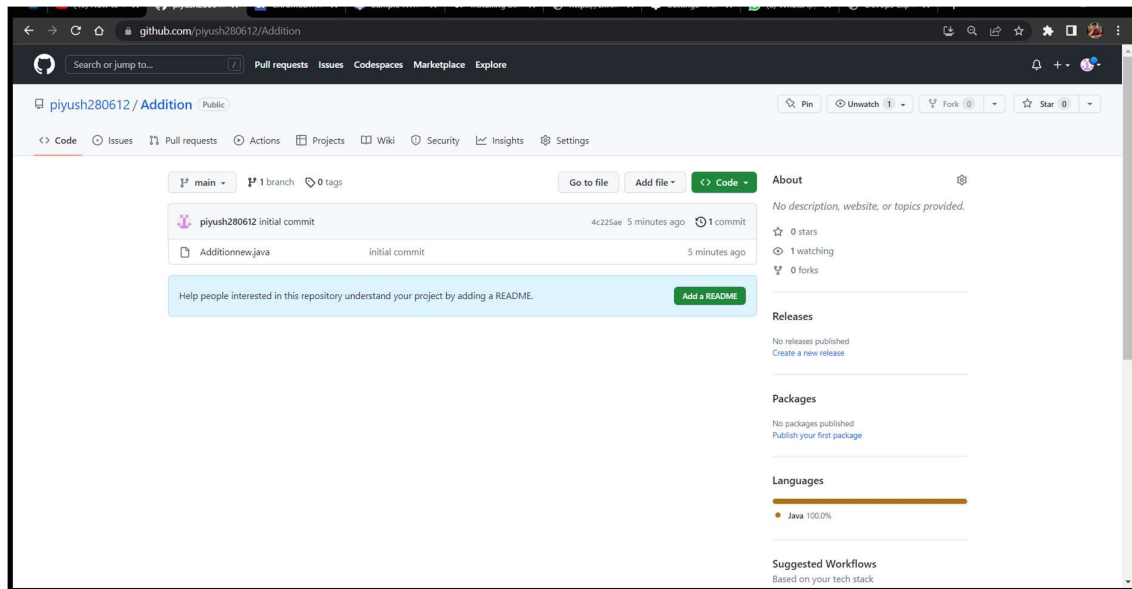
```
public class Addition {
public static void main(String[] args) {
int num1 = 5;
int num2 = 10;
int sum = num1 + num2;
System.out.println("The sum of " + num1 + " and " +
num2 + " is " + sum);
}
}
```

3. Create a new GitHub repository [Say, Addition]

Step 2

1. Execute the following commands

```
MINGW64:/c:/Users/PIYUSH PAL/prac2dev
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~
$ mkdir prac2dev
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~
$ cd prac2dev
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev
$ git init
Initialized empty Git repository in C:/Users/PIYUSH PAL/prac2dev/.git/
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (master)
$ git add Additionnew.java
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (master)
$ git commit -m "initial commit"
[master (root-commit) 4c225ae] initial commit
1 file changed, 9 insertions(+)
create mode 100644 Additionnew.java
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (master)
$ git remote add origin https://github.com/piyush280612/Addition.git
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (master)
$ git branch main
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (master)
$ git checkout main
Switched to branch 'main'
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (main)
$ git add Additionnew.java
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (main)
$ git commit -m "initial commit"
On branch main
nothing to commit, working tree clean
PIYUSH PAL@LAPTOP-JC4GNI7B MINGW64 ~/prac2dev (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 361 bytes | 90.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/piyush280612/Addition.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```



Step 3

Now turn on the Jenkins

1. Click on **New item**. Name the item as **Addition** and select as **Freestyle project**
2. Under Source Code Management, Select **Git**, and enter the URL of your github repo.
3. Choose the appropriate branch.
4. Save Changes
5. Select on Build Now

