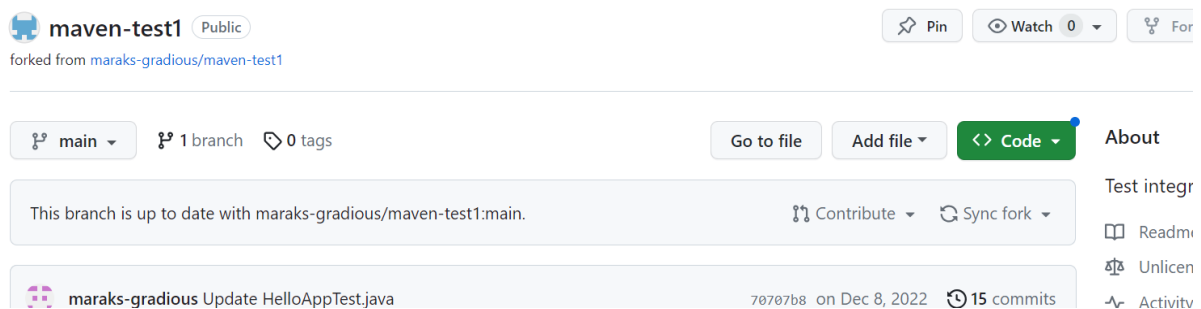


Assignment - 1

1. Create an account yourself in github.com
2. Hit the below url in the browser and fork the project.

<https://github.com/maraks-gradious/maven-test1>

A:



3. Create a feature branch from the main branch with the Jira ID.

Create a Jira ID yourself. Your FIRSTNAME + First letter of your last name + 0001 (Ex: Steve Smith => Feature/STEVESO001)

A: later on created jira id as pranay0001

```
[pranay@localhost ~]$ sudo git init
Initialized empty Git repository in /home/pranay/.git/
[pranay@localhost ~]$ sudo git checkout -b Feature/Pranayk001
Switched to a new branch 'Feature/Pranayk001'
[pranay@localhost ~]$
```

4. Clone the project in your computer by using the below command in command prompt / git bash

> git clone <PROJECT_URL_FROM_YOUR_GITHUB_ACCOUNT>

> git checkout Feature/STEVESO001

A: before cloning have to do git init then we can perform clone

```
[pranay@localhost git_project]$ git clone https://github.com/pranaykumar0/maven-test1.git
Cloning into 'maven-test1'...
remote: Enumerating objects: 119, done.
remote: Counting objects: 100% (14/14), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 119 (delta 11), reused 11 (delta 11), pack-reused 105
Receiving objects: 100% (119/119), 18.87 KiB | 0 bytes/s, done.
Resolving deltas: 100% (31/31), done.
[pranay@localhost git_project]$ git checkout -b Feature/Pranayk0001
error: Unable to open .git/HEAD.lock for writing
Switched to a new branch 'Feature/Pranayk0001'
[pranay@localhost git_project]$ git status
# On branch Feature/Pranayk0001
#
# Initial commit
#
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       ../.bash_history
#       ../.bash_logout
#       ../.bash_profile
```

5. Create a new file in your first name at the below location:
src \main\java\com\example \javamavenjunithelloworld \Steve.java

A:

```
[pranay@localhost git_proj]$ cd maven-test1/
[pranay@localhost maven-test1]$ cd src/main/java/com/example/javamavenjunithelloworld
[pranay@localhost javamavenjunithelloworld]$ cat pranay.java
class HelloWorld {
    // Your program begins with a call to main().
    // Prints "Hello, World" to the terminal window.
    public static void main(String args[])
    {
        System.out.println("Hello, World");
    }
}
```

6. Write a simple hello world program in Java in the newly created file and commit the code using the below command:

> git commit -m "STEVESOOOI - Created HelloWorld Program"
src \main\java\com\example \javamavenjunithelloworld \Steve.java

A:

```
[pranay@localhost maven-test1]$ git add src/main/java/com/example/javamavenjunithelloworld/pranay.java
[pranay@localhost maven-test1]$ git commit -m "Pranay0001 - created hello world program" src/main/java/com/example/javamavenjunithelloworld/pranay.java
[main ab43cbd] Pranay0001 - created hello world program
Committer: my main area <pranay@localhost.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 8 insertions(+)
create mode 100644 src/main/java/com/example/javamavenjunithelloworld/pranay.java
```

7. Push the code to the remote by using the below command

> git push

A:

```
[pranay@localhost maven-test1]$ git push -u origin Feature/pranayk0001
Counting objects: 16, done.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (9/9), 743 bytes | 0 bytes/s, done.
Total 9 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'Feature/pranayk0001' on GitHub by visiting:
remote:   https://github.com/pranaykumar0/maven-test1/pull/new/Feature/pranayk0001
remote:
To https://ghp_i0o0eWPb3LP56b6zDuWhj7oYvPl9u92jD6ra@github.com/pranaykumar0/maven-test1
* [new branch]      Feature/pranayk0001 -> Feature/pranayk0001
Branch Feature/pranayk0001 set up to track remote branch Feature/pranayk0001 from origin.
[pranay@localhost maven-test1]$
```

The screenshot shows a web browser window with the address bar displaying the URL: `github.com/pranaykumar0/maven-test1/blob/Feature/pranayk0001/src/main/java/com/example/javamavenjunithelloworld/pranay.java`. The page content is divided into two main sections. On the left is a 'Files' sidebar showing the repository's directory structure: `src`, `main/java/com/example/javam...` (containing `Hello.java`, `HelloApp.java`, and `pranay.java`), and `test/java/com/example/javama...` (containing `.gitignore`, `LICENSE`, `README.md`, and `pom.xml`). The `pranay.java` file is selected. The main area on the right displays the code for `pranay.java`, which is a Java class named `HelloWorld` with a `main` method. The code is as follows:

```
1 class HelloWorld {
2     public static void main(String args[])
3     {
4         System.out.println("Hello, World!");
5     }
6 }
```

Below the code, there are tabs for 'Code', 'Blame', and '7 lines (6 loc) · 110 Bytes'. A note indicates 'Code 55% faster with GitHub Copilot'. The browser's taskbar at the bottom shows various application icons and the system clock indicating 22:33 on 09-10-2023.

8. Go to the github and create a pull request from your feature branch to main branch and merge your code to main branch

A:

The screenshot shows a GitHub pull request page for the repository 'maraks-gradious/maven-test1'. The pull request is titled 'pranayk0001 - created java hello world program #24' and is created by 'pranayk0001'. It shows a merge from 'pranayk0001:Feature/pranayk0001' to 'maraks-gradious:main'. The pull request is currently open and has 1 commit. The commit message is 'pranayk0001 - created java hello world program'. The pull request is in progress and has no reviews. The right sidebar shows the 'Reviews' section with 'No reviews' and 'Still in progress? Convert to draft'. The 'Assignees' section shows 'No one assigned'. The 'Labels' section shows 'None yet'. The 'Projects' section shows 'None yet'. The 'Milestone' section shows 'No milestone'. The bottom of the page shows a comment box with the text 'Leave a comment' and a link to 'https://github.com/maraks-gradious/maven-test1/actions'. The browser's address bar shows 'github.com/maraks-gradious/maven-test1/pull/24'. The browser's tabs show 'Cohort CoE15 - DevOps' and 'pranayk0001 - created java hello world program'. The browser's bookmarks bar shows 'Gradius Technolo...', 'Gmail', 'YouTube', 'Maps', and 'Install Nginx on Ce...'. The browser's status bar shows '22:36 09-10-2023'.