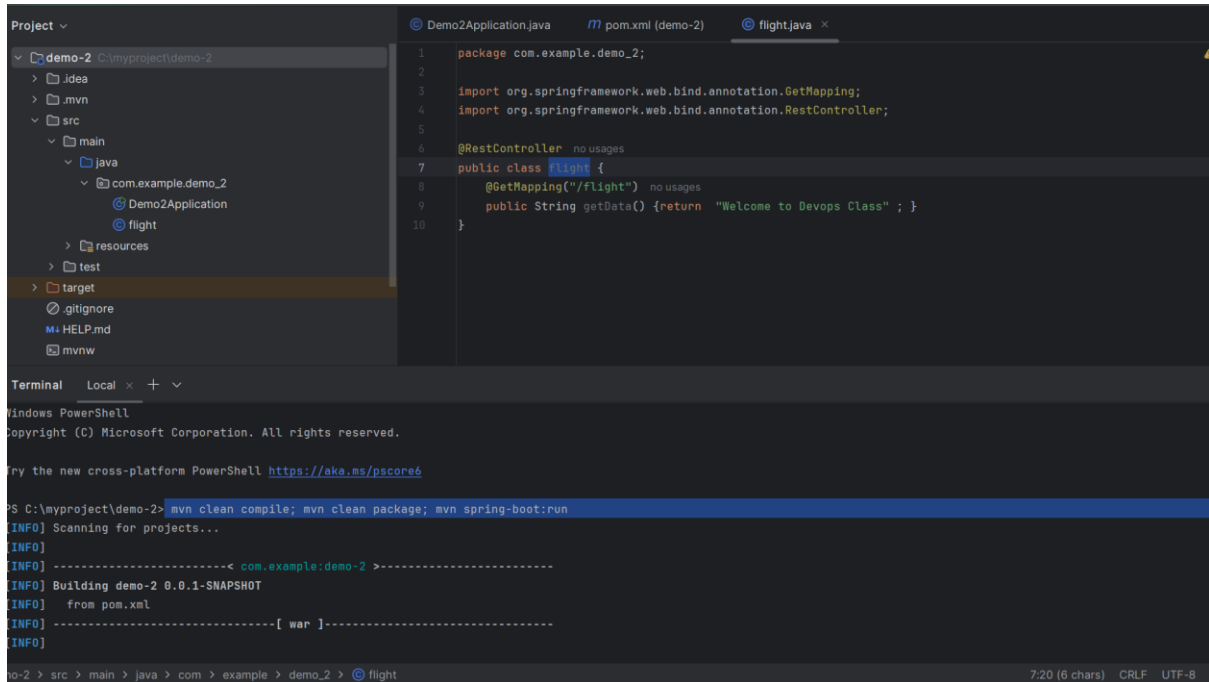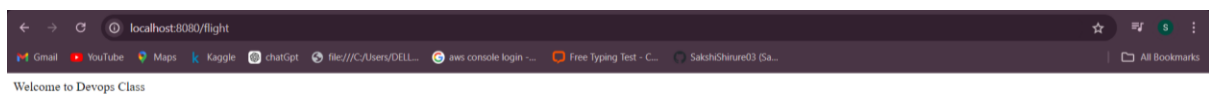# 5th Oct- Git

Sakshi Shirure

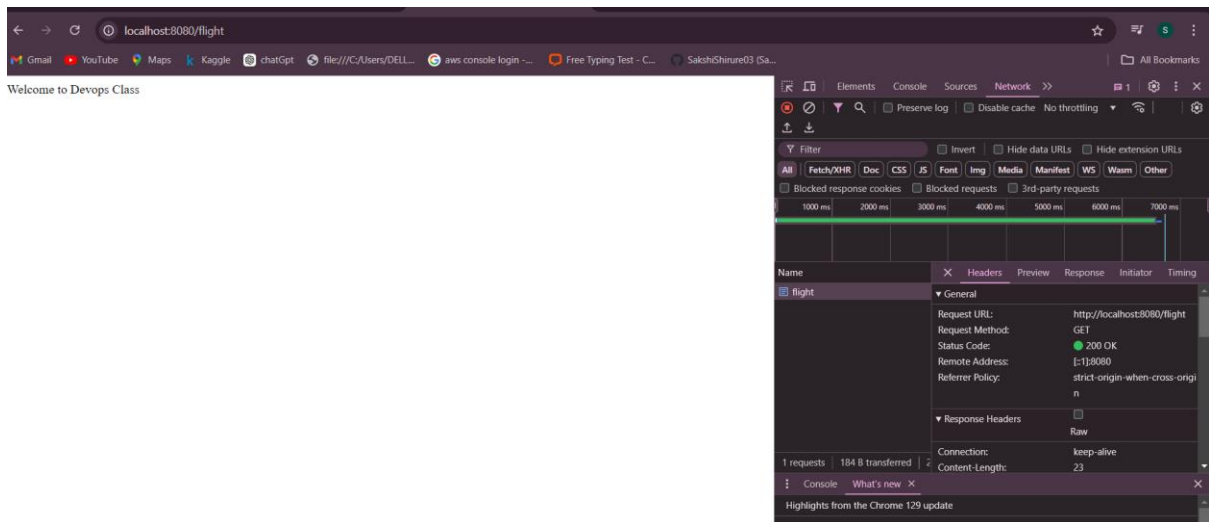Create a spring initializer and import project in intellji

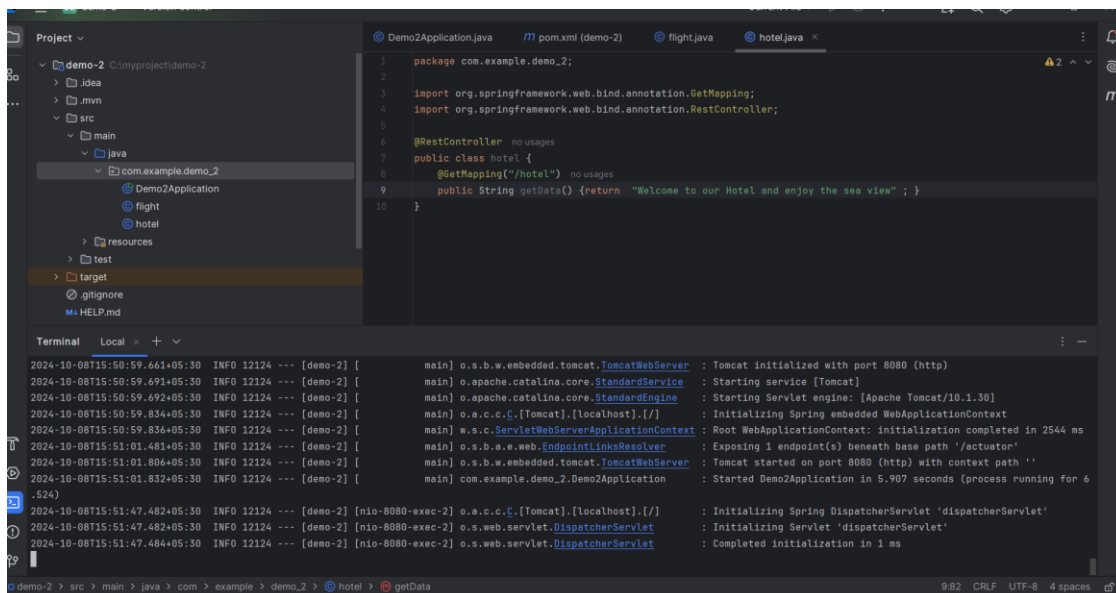And hit mvn clean compile; mvn clean package; mvn spring-boot:run

Run the artifact on localhost:8080 port
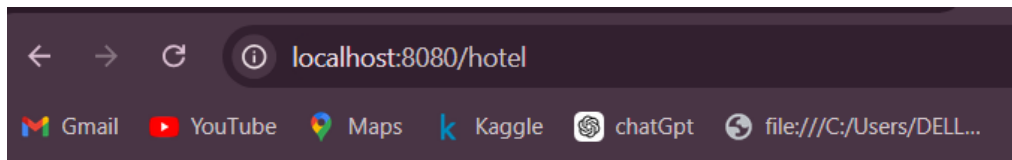

Check to which method is performing

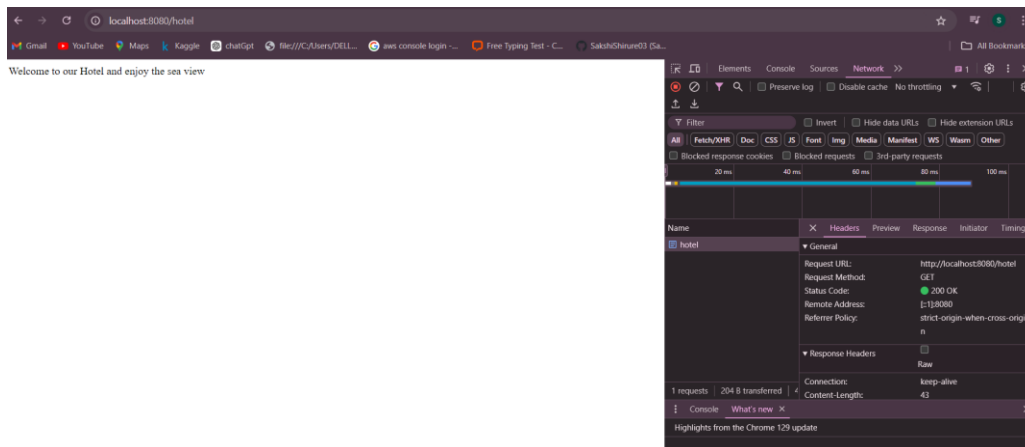Create 2nd java file hotel.java
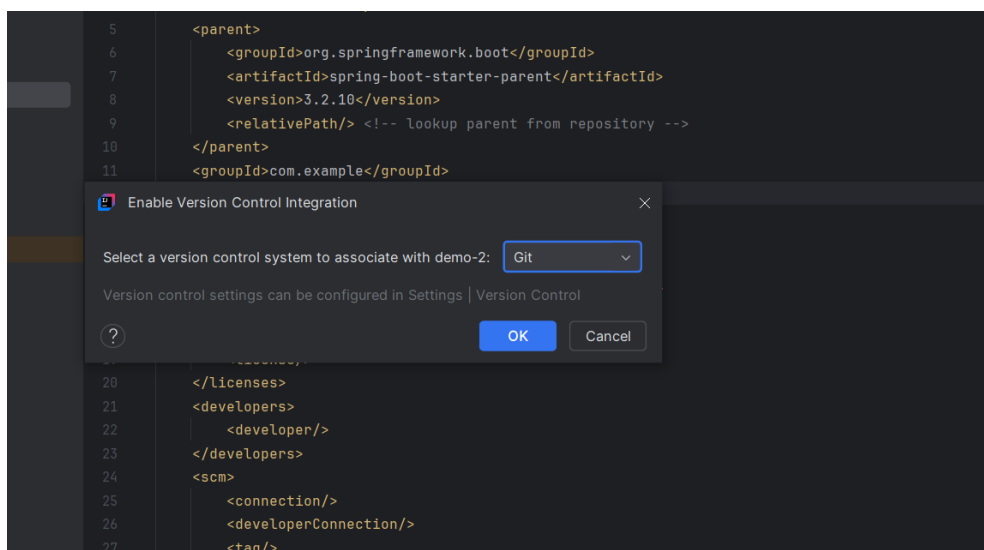

Run source code on localhost:8080 port

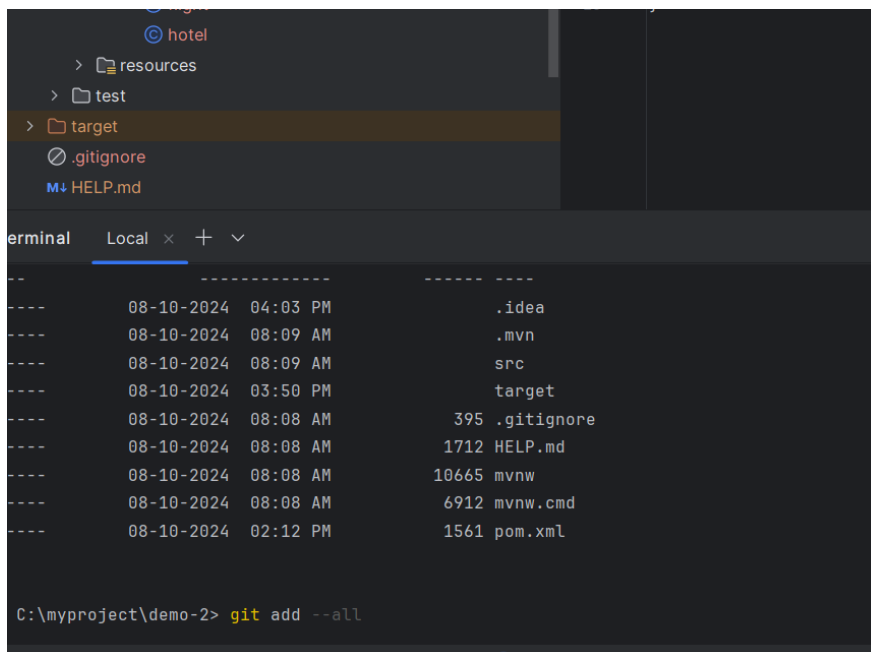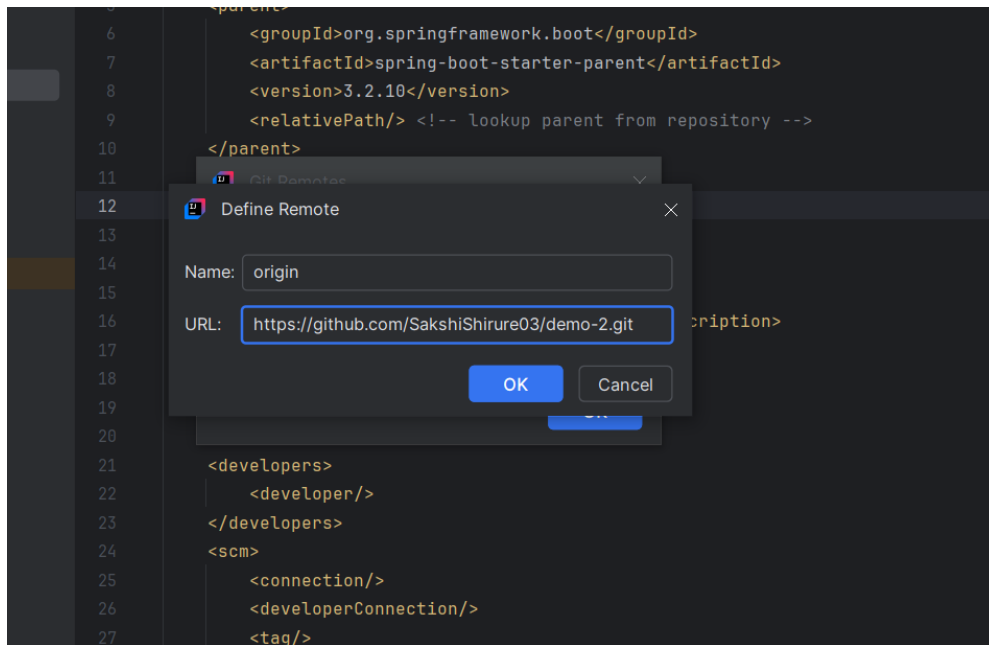Welcome to our Hotel and enjoy the sea view

To check which Rest api is used

Enable version control

Intelij Idea and git are connected


```
        <groupId>org.springframework.boot</groupId>
6
        <artifactId>spring-boot-starter-parent</artifactId>
7
        <version>3.2.10</version>
8
        <relativePath/> <!-- lookup parent from repository -->
9
    </parent>
10
11
12
13
14
15
16                                                      cription>
17
18
19
20
21    <developers>
22        <developer/>
23    </developers>
24    <scm>
25        <connection/>
26        <developerConnection/>
27        <tag/>
```

Define Remote ✕

Name: origin

URL: https://github.com/SakshiShirure03/demo-2.git

OK   Cancel


```
        hotel
    >  resources
  >  test
  >  target
  ⊘ .gitignore
  M↓ HELP.md

erminal    Local ×  +  ∨

--        -------------        ------ ----
----      08-10-2024  04:03 PM          .idea
----      08-10-2024  08:09 AM          .mvn
----      08-10-2024  08:09 AM          src
----      08-10-2024  03:50 PM          target
----      08-10-2024  08:08 AM      395 .gitignore
----      08-10-2024  08:08 AM     1712 HELP.md
----      08-10-2024  08:08 AM    10665 mvnw
----      08-10-2024  08:08 AM     6912 mvnw.cmd
----      08-10-2024  02:12 PM     1561 pom.xml


C:\myproject\demo-2> git add --all
```

Git config with intellij idea

```
PS C:\myproject\demo-2> git commit -m "coderefactor"
Author identity unknown

*** Please tell me who you are.

Run

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

to set your account's default identity.
Omit --global to set the identity only in this repository.
```
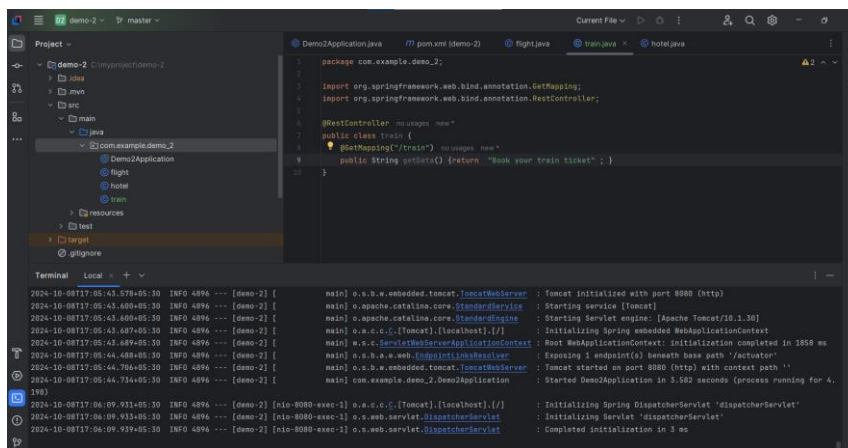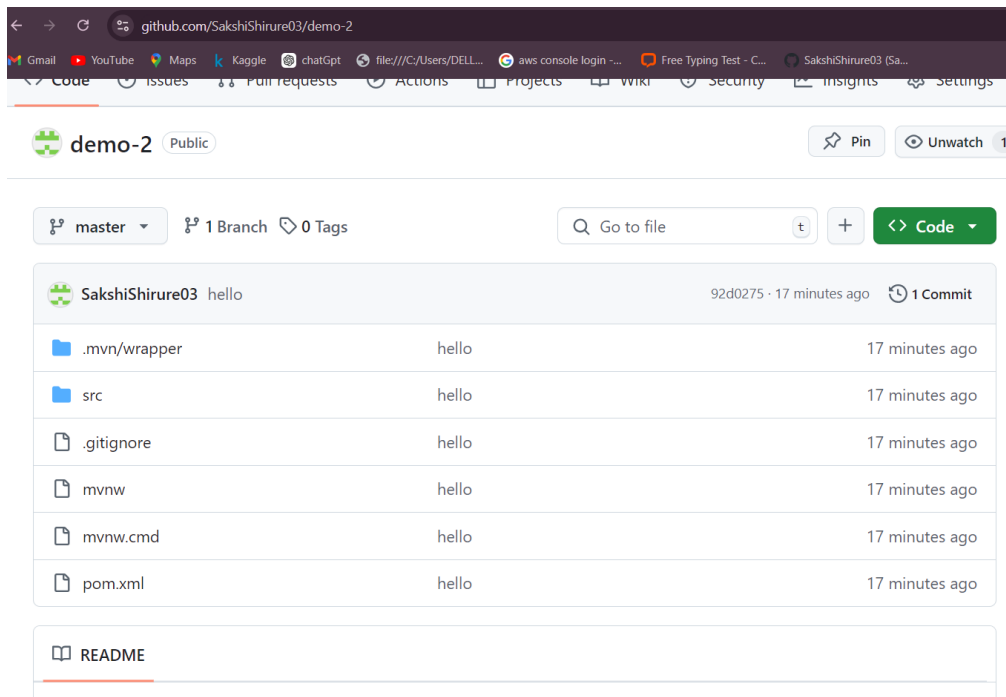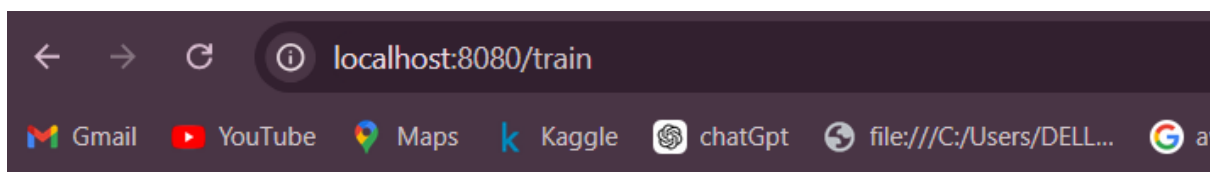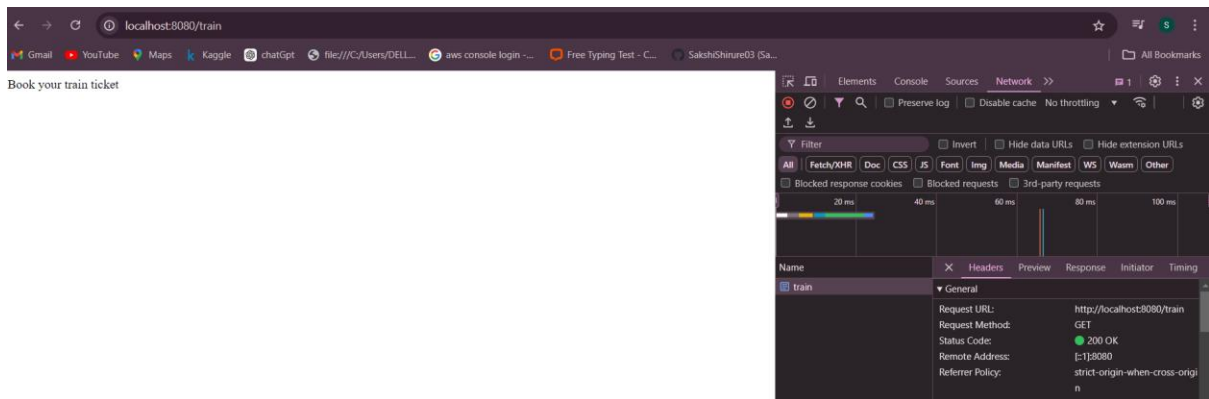
```
 C:\myproject\demo-2> git commit -m "hello"
 branch master
thing to commit, working tree clean
 C:\myproject\demo-2> git push origin master
erything up-to-date
 C:\myproject\demo-2>
```

```
PS C:\myproject\demo-2> git push origin master
Everything up-to-date
PS C:\myproject\demo-2> mvn clean compile; mvn clean package; mvn spring-boot:run
[INFO] Scanning for projects
```


Book your train ticket

Git clone


```
Microsoft Windows [Version 10.0.19045.4957]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>git clone https://github.com/SakshiShirure03/demo-2.git
Cloning into 'demo-2'...
remote: Enumerating objects: 35, done.
remote: Counting objects: 100% (35/35), done.
remote: Compressing objects: 100% (19/19), done.
remote: Total 35 (delta 5), reused 34 (delta 4), pack-reused 0 (from 0)
Receiving objects: 100% (35/35), 9.38 KiB | 800.00 KiB/s, done.
Resolving deltas: 100% (5/5), done.

C:\Users\DELL>
```

Change master branch to dev branch

```
PS C:\myproject\demo-2> git branch
* master
PS C:\myproject\demo-2> git fetch origin dev
From https://github.com/SakshiShirure03/demo-2
 * branch            dev          -> FETCH_HEAD
 * [new branch]      dev          -> origin/dev
PS C:\myproject\demo-2> git checkout dev
branch 'dev' set up to track 'origin/dev'.
Switched to a new branch 'dev'
PS C:\myproject\demo-2> git branch
* dev
  master
PS C:\myproject\demo-2>
```
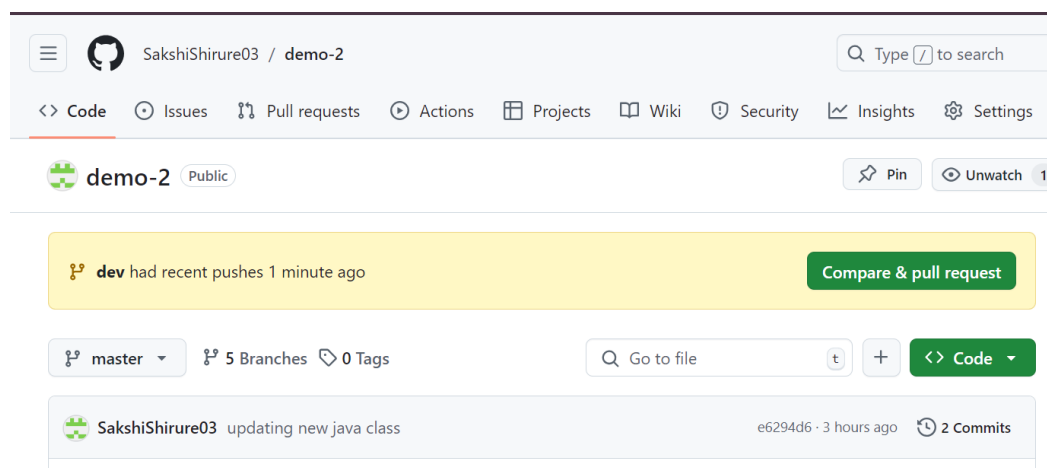
Updating data in source

```
[INFO] -------------------------------------------------
Terminate batch job (Y/N)? ^
C
PS C:\myproject\demo-2> git add --all
PS C:\myproject\demo-2> git commit -m "updating info"
[dev 5eefd37] updating info
 1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\myproject\demo-2>
```

Push data in dev

```
[dev 5eefd37] updating info
 1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\myproject\demo-2> git push origin dev
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (9/9), 646 bytes | 129.00 KiB/s, done.
Total 9 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/SakshiShirure03/demo-2.git
   e6294d6..5eefd37  dev -> dev
PS C:\myproject\demo-2>
```

Now we can get pop up "**Compare & pull request**"

Create pull request to merge

Successfully merging the pull the request