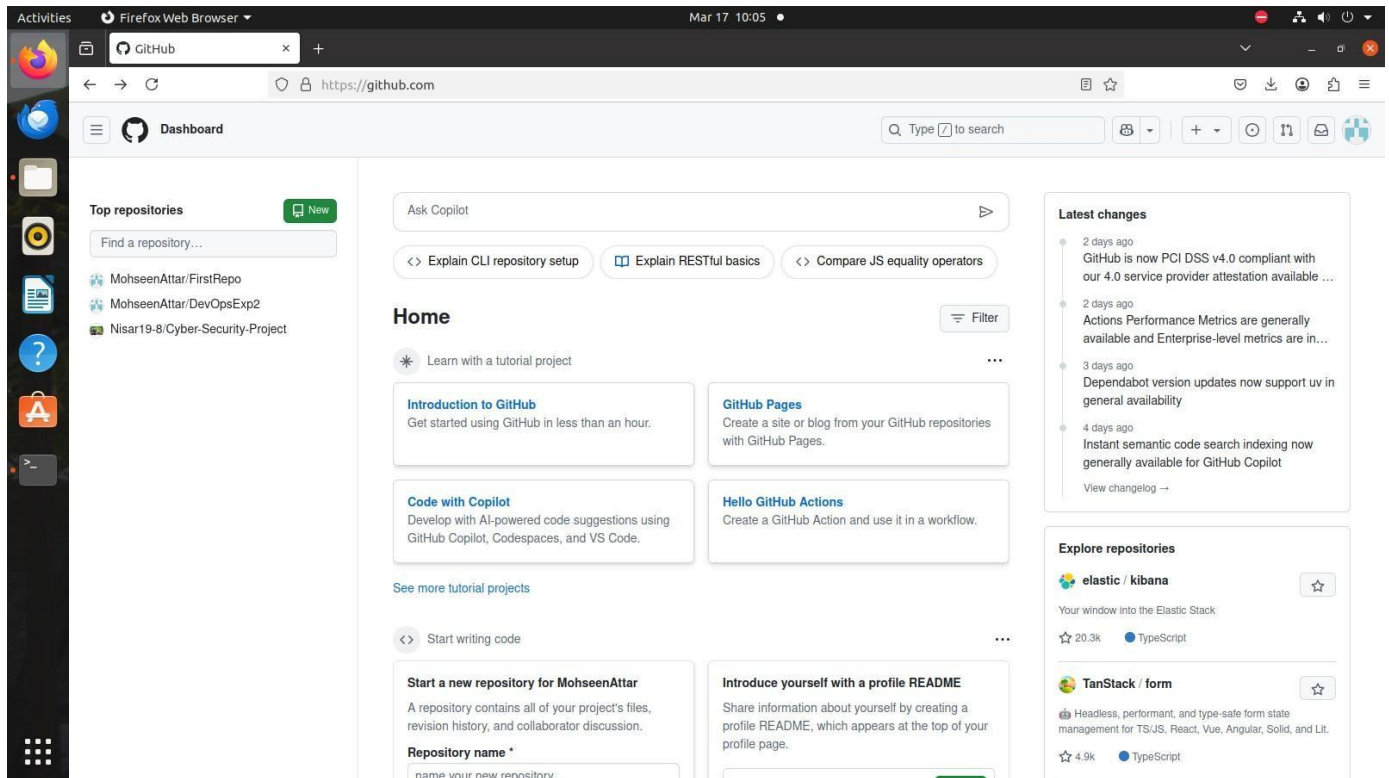


EXPERIMENT NO. 2

create github repository



cd [directory name]

git clone [path of repository]

```
dyp@dyp-OptiPlex-3000:~$ cd MyProject
dyp@dyp-OptiPlex-3000:~/MyProject$ git clone https://github.com/MohseenAttar/DevOpsExp2
Cloning into 'DevOpsExp2' ...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 890 bytes | 890.00 KiB/s, done.
```

ls

cd [repository name]

cat README.md

```
dyp@dyp-OptiPlex-3000:~/MyProject$ ls
DevOpsExp2  FirstRepo
dyp@dyp-OptiPlex-3000:~/MyProject$ cd DevOpsExp2
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ ls
README.md
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ cat README.md
# DevOpsExp2
First collaboration project
```

git init

git status

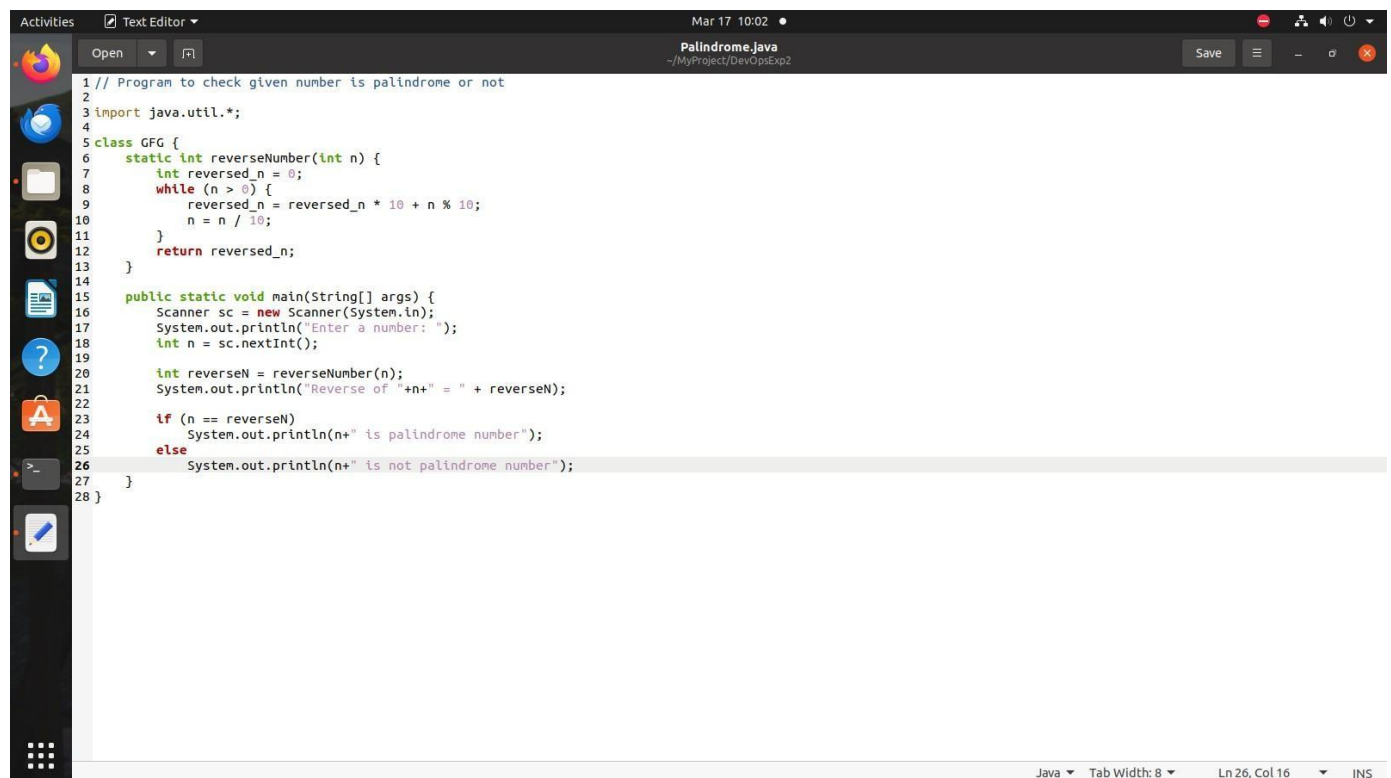
```
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git init
Reinitialized existing Git repository in /home/dyp/MyProject/DevOpsExp2/.git/
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

touch [file name]

gedit [file name]

```
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ touch Palindrome.java
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ gedit Palindrome.java
```

A screenshot of a Linux desktop environment. The top panel shows the date and time as 'Mar 17 10:02'. Below it is a text editor window titled 'Palindrome.java' with the path '~/MyProject/DevOpsExp2'. The editor contains a Java program. On the left side of the desktop, there is a vertical dock with icons for various applications including Firefox, LibreOffice, and a terminal. The status bar at the bottom of the text editor shows 'Java', 'Tab Width: 8', 'Ln 26, Col 16', and 'INS'.

```
1 // Program to check given number is palindrome or not
2
3 import java.util.*;
4
5 class GFG {
6     static int reverseNumber(int n) {
7         int reversed_n = 0;
8         while (n > 0) {
9             reversed_n = reversed_n * 10 + n % 10;
10            n = n / 10;
11        }
12        return reversed_n;
13    }
14
15    public static void main(String[] args) {
16        Scanner sc = new Scanner(System.in);
17        System.out.println("Enter a number: ");
18        int n = sc.nextInt();
19
20        int reverseN = reverseNumber(n);
21        System.out.println("Reverse of "+n+" = " + reverseN);
22
23        if (n == reverseN)
24            System.out.println(n+" is palindrome number");
25        else
26            System.out.println(n+" is not palindrome number");
27    }
28 }
```

ls

git status

```
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ ls
Palindrome.java  README.md
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Palindrome.java

nothing added to commit but untracked files present (use "git add" to track)
```

git add [file name]

git status

git commit -m " "

```
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git add Palindrome.java
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Palindrome.java

dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git commit -m "First Collaboration"
```

```
[main 58abf4b] First Collaboration
1 file changed, 26 insertions(+)
create mode 100644 Palindrome.java
```

git remote set-url origin https://[address of token][@path of repository]

git push origin main

```
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git remote set-url origin https://ghp_WgQKnUttDp7YTB776lIhvp4lVGp0bD2nY8fm@github.com/MohseenAttar/DevOpsExp2.git
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 590 bytes | 590.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/MohseenAttar/DevOpsExp2.git
8a40326..58abf4b  main -> main
```

Activities Firefox Web Browser Mar 17 10:02

DevOpsExp2 / Palindrome.java

https://github.com/MohseenAttar/DevOpsExp2/blob/main/Palindrome.java

DevOpsExp2 / Palindrome.java

MohseenAttar Update Palindrome.java a1e0c3e · 1 minute ago History

Code Blame 28 lines (23 loc) · 740 Bytes Code 55% faster with GitHub Copilot Raw Download Edit

```
1 // Program to check given number is palindrome or not
2
3 import java.util.*;
4
5 class GFG {
6     static int reverseNumber(int n) {
7         int reversed_n = 0;
8         while (n > 0) {
9             reversed_n = reversed_n * 10 + n % 10;
10            n = n / 10;
11        }
12        return reversed_n;
13    }
14
15    public static void main(String[] args) {
16        Scanner sc = new Scanner(System.in);
17        System.out.println("Enter a number: ");
18        int n = sc.nextInt();
19
20        int reverseN = reverseNumber(n);
21        System.out.println("Reverse of "+n+" = " + reverseN);
22
23        if (n == reverseN)
24            System.out.println(n+" is palindrome number");
25        else
26            System.out.println(n+" is not palindrome number");
27    }
28 }
```

Symbols

Find definitions and references for functions and other symbols in this file by clicking a symbol below or in the code.

Filter symbols

class GFG

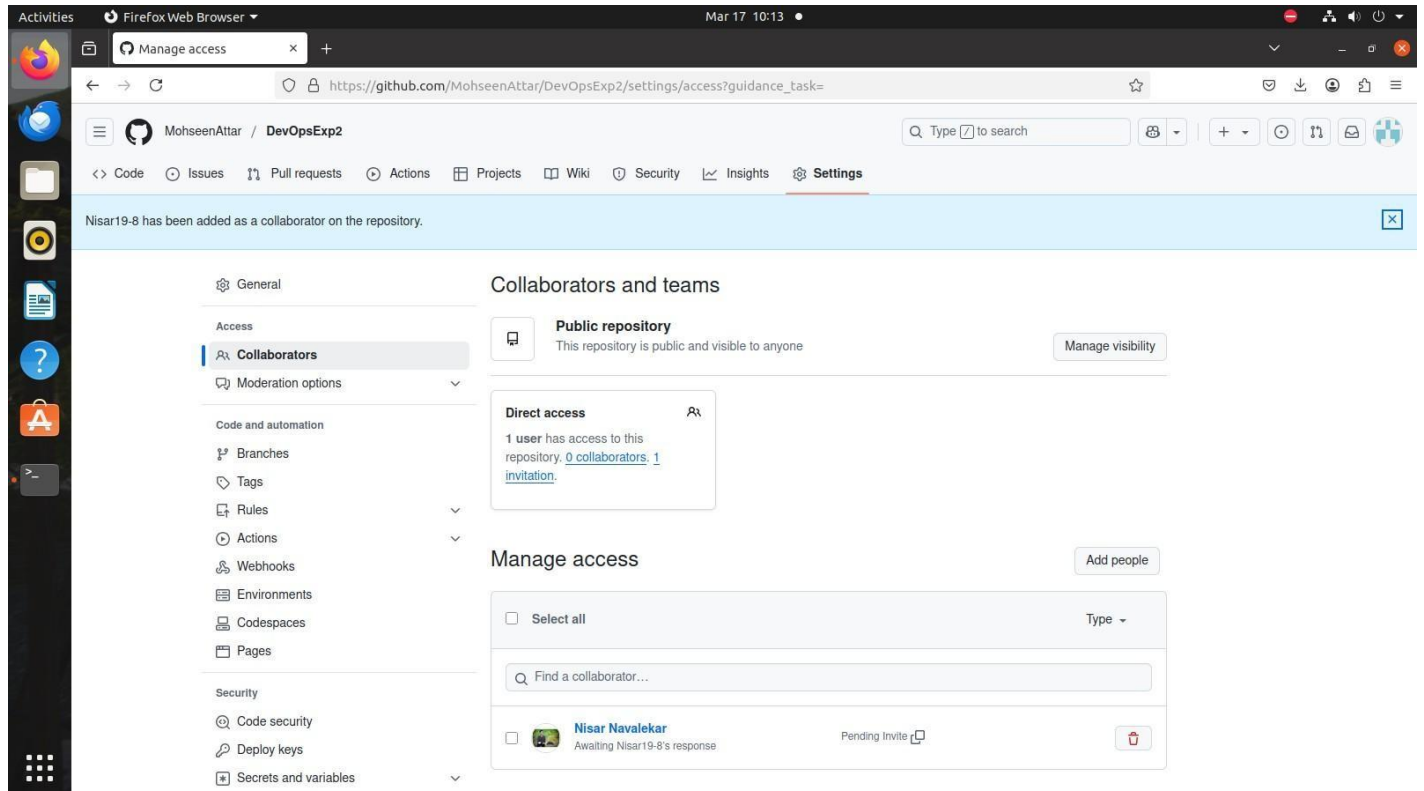
func reverseNumber

func main

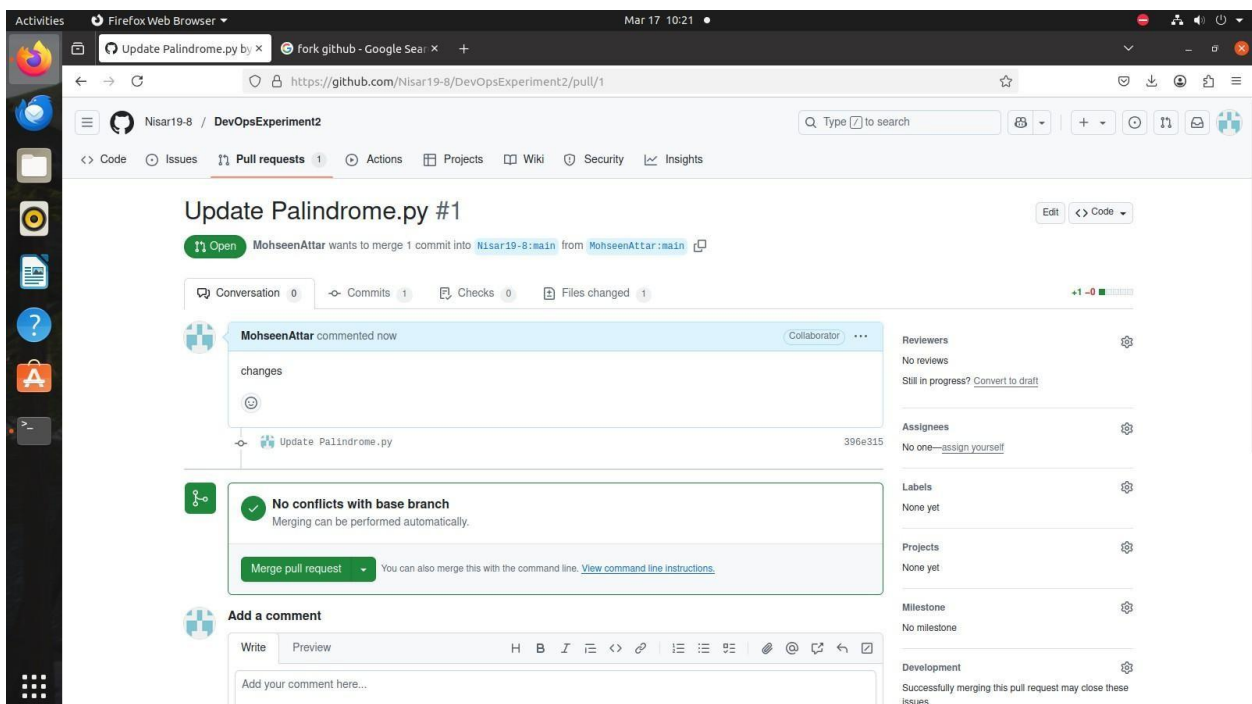
git pull origin main

```
dyp@dyp-OptiPlex-3000:~/MyProject/DevOpsExp2$ git pull origin main
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 1012 bytes | 1012.00 KiB/s, done.
From https://github.com/MohseenAttar/DevOpsExp2
* branch      main      -> FETCH_HEAD
   58abf4b..a1e0c3e main    -> origin/main
Updating 58abf4b..a1e0c3e
Fast-forward
 Palindrome.java | 2 ++
 1 file changed, 2 insertions(+)
```

Collaborate with a partner by creating and reviewing pull request



The screenshot shows the GitHub repository settings for 'MohseenAttar / DevOpsExp2'. The 'Collaborators and teams' tab is selected, showing that the repository is public. A notification at the top states 'Nisar19-8 has been added as a collaborator on the repository.' The 'Manage access' section shows a list of collaborators, with 'Nisar Navalekar' listed as 'Pending Invite'.



The screenshot shows a GitHub pull request for 'Nisar19-8 / DevOpsExperiment2' titled 'Update Palindrome.py #1'. The pull request is created by 'MohseenAttar' and is ready for review. The 'Changes' section shows a diff for 'Update Palindrome.py'. The 'No conflicts with base branch' message indicates that the pull request can be merged. The 'Add a comment' section is visible at the bottom.

Merge the pull request to the main branch

Activities Firefox Web Browser Mar 17 10:22

Update Palindrome.py by x fork github - Google Sear x +

https://github.com/Nisar19-8/DevOpsExperiment2/pull/1

Nisar19-8 / DevOpsExperiment2

Code Issues Pull requests 1 Actions Projects Wiki Security Insights

Update Palindrome.py #1

Merged Nisar19-8 merged 1 commit into Nisar19-8:main from MohseenAttar:main now

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -0

MohseenAttar commented 1 minute ago Collaborator

changes

Update Palindrome.py 396e315

Nisar19-8 merged commit 069687f into Nisar19-8:main now

Pull request successfully merged and closed
You're all set — the branch has been merged.

Add a comment

Write Preview H B I

Add your comment here...

Reviewers: No reviews. Still in progress? [Convert to draft](#)

Assignees: No one—[assign yourself](#)

Labels: None yet

Projects: None yet

Milestone: No milestone

Development: Successfully merging this pull request may close these issues.

Activities Firefox Web Browser Mar 17 10:22

Update Palindrome.py by x fork github - Google Sear x +

https://github.com/Nisar19-8/DevOpsExperiment2/pull/1/files

Nisar19-8 / DevOpsExperiment2

Code Issues Pull requests 1 Actions Projects Wiki Security Insights

Update Palindrome.py #1

Merged Nisar19-8 merged 1 commit into Nisar19-8:main from MohseenAttar:main now

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -0

Changes from all commits File filter Conversations Jump to 0 / 1 files viewed Review in codespace Review changes

Palindrome.py

```
@@ -18,3 +18,4 @@ def is_palindrome(num):
18 18     else:
19 19         print(f"{num} is not a palindrome number.")
20 20
21 + #-----Thank You-----
```

© 2025 GitHub, Inc. Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information