

Git Exam Activity Screenshot

1. Repository Cloning:

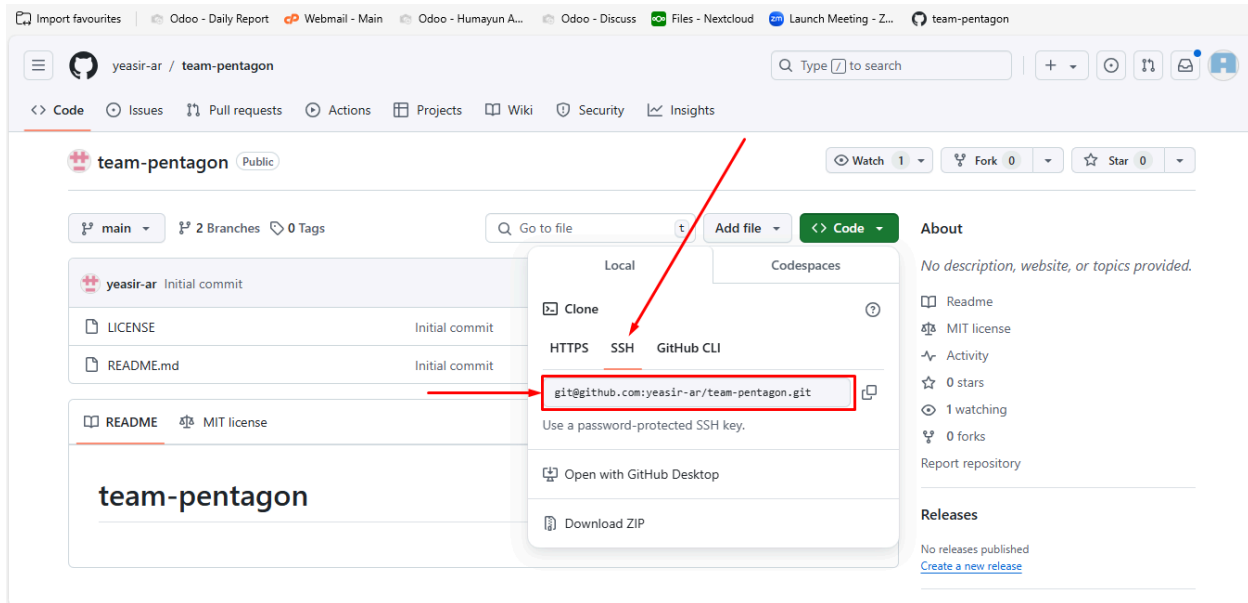


Figure: SSH git link copy

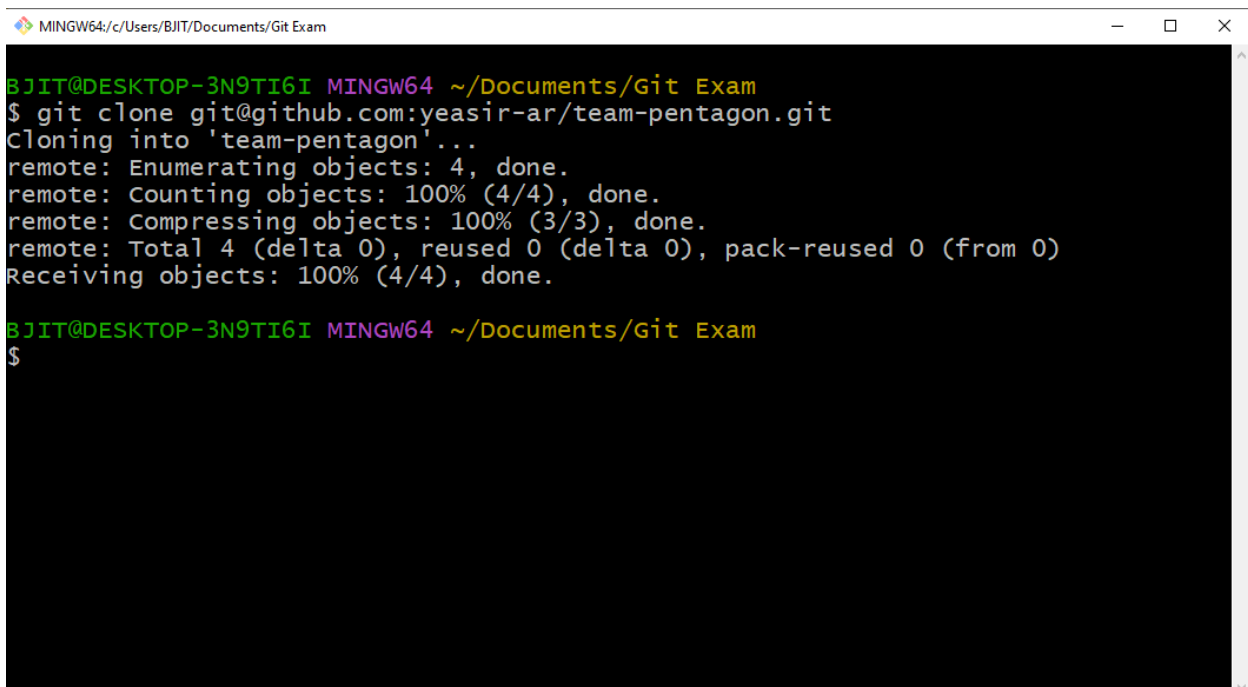


Figure: Git clone successfully done!

2. Pull the development branch:

```
MINGW64/c/Users/BJIT/Documents/Git Exam/team-pentagon
$ cd team-pentagon/

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (main)
$ git branch
* main

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (main)
$ git checkout development
branch 'development' set up to track 'origin/development'.
Switched to a new branch 'development'

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (development)
$ git branch
* development
  main

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (development)
$ git pull origin development
From github.com:yeasir-ar/team-pentagon
 * branch                development -> FETCH_HEAD
Already up to date.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (development)
$
```

Figure: Development branch pull successfully done!

3. Local Branch Name Create:

```
MINGW64/c/Users/BJIT/Documents/Git Exam/team-pentagon
* main

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (main)
$ git checkout development
branch 'development' set up to track 'origin/development'.
Switched to a new branch 'development'

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (development)
$ git branch
* development
  main

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (development)
$ git pull origin development
From github.com:yeasir-ar/team-pentagon
 * branch                development -> FETCH_HEAD
Already up to date.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (development)
$ git checkout -b task4branch
switched to a new branch 'task4branch'

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (task4branch)
$
```

Figure: Local branch creation successfully done!

4. README Content Update:

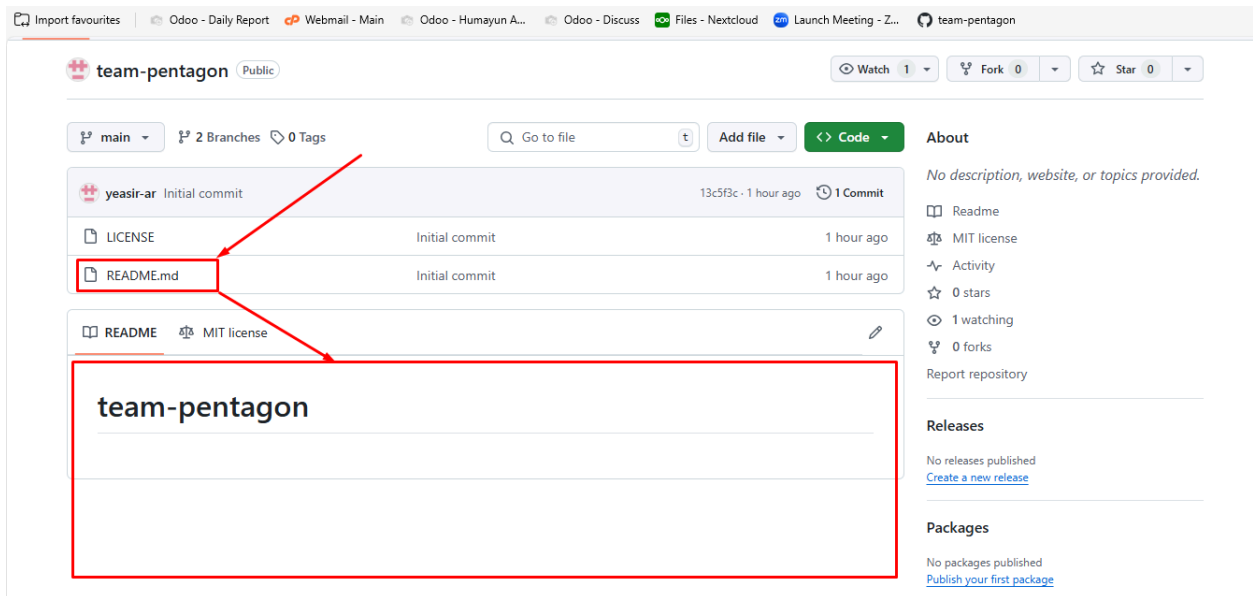


Figure: Empty README.md file

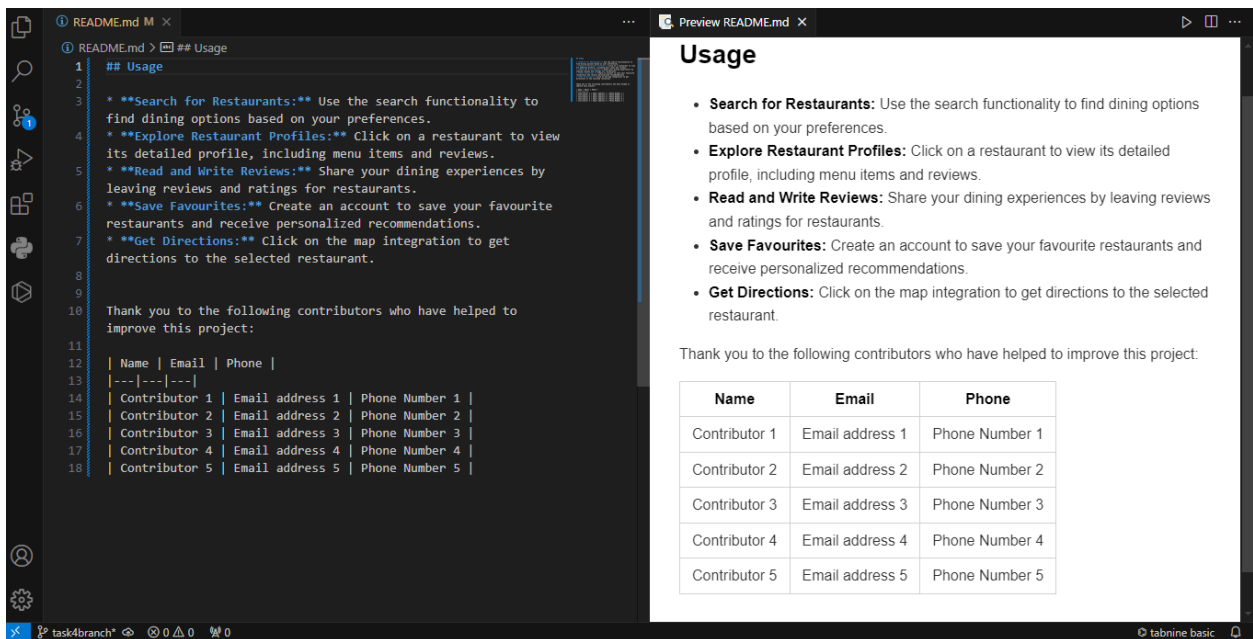
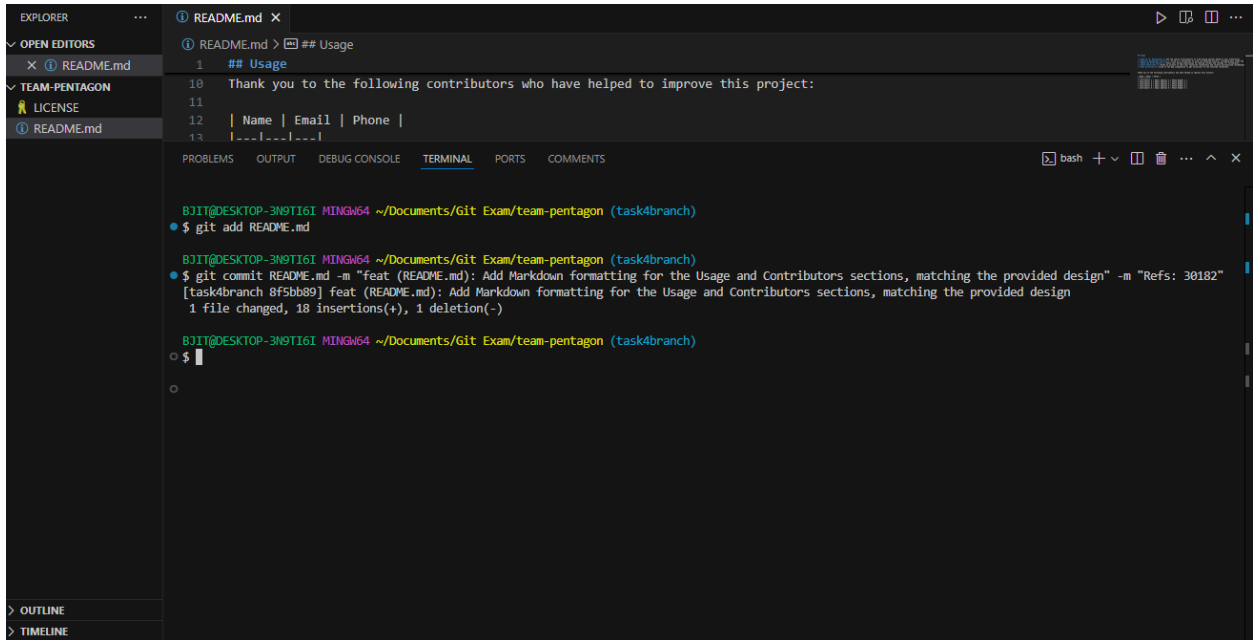


Figure: After update with content



The screenshot shows a VS Code editor with a file explorer on the left containing 'README.md', 'TEAM-PENTAGON', and 'LICENSE'. The main editor displays the 'README.md' file with the following content:

```
1 ## Usage
10 Thank you to the following contributors who have helped to improve this project:
11
12 | Name | Email | Phone |
13 |----|-----|
```

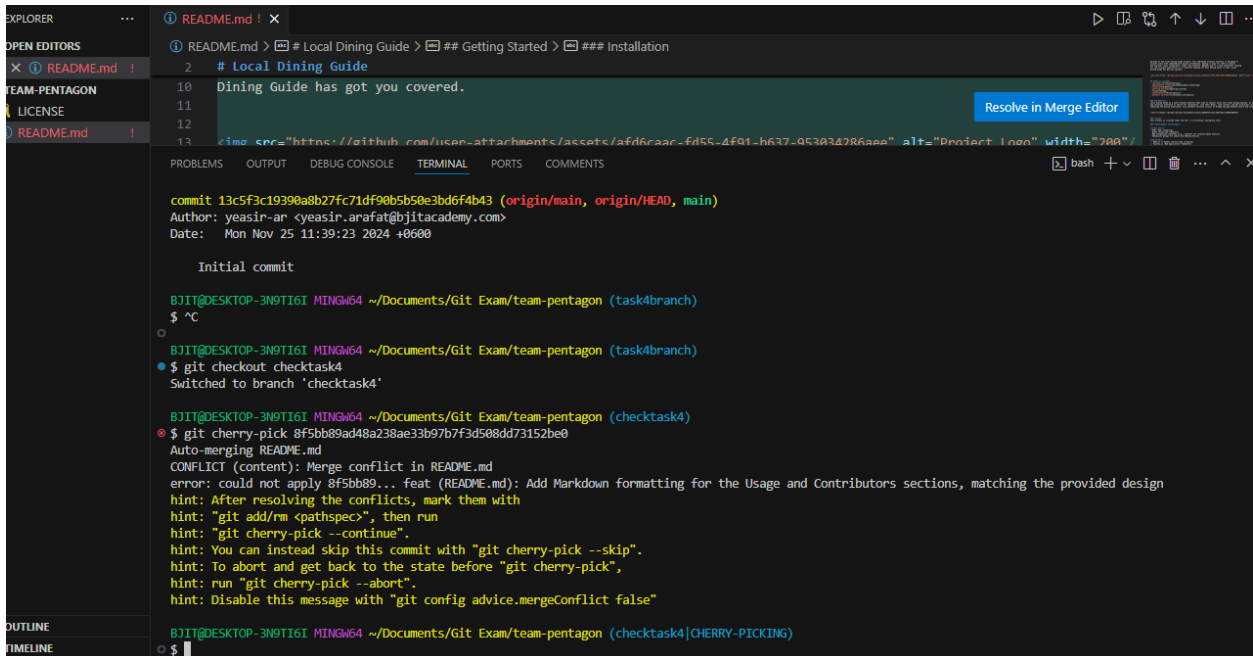
The terminal window at the bottom shows the following commands and output:

```
BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (task4branch)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (task4branch)
$ git commit README.md -m "feat (README.md): Add Markdown formatting for the Usage and Contributors sections, matching the provided design" -m "Refs: 30182"
[task4branch 8f5bb89] feat (README.md): Add Markdown formatting for the Usage and Contributors sections, matching the provided design
1 file changed, 18 insertions(+), 1 deletion(-)
```

Figure: After commit

5. Merge Conflict Consequence:



The screenshot shows a VS Code editor with a file explorer on the left containing 'README.md', 'TEAM-PENTAGON', and 'LICENSE'. The main editor displays the 'README.md' file with the following content:

```
1 ## Local Dining Guide
10 Dining Guide has got you covered.
11
12
13 
```

The terminal window at the bottom shows the following commands and output:

```
commit 13c5f3c19390a8b27fc71df90b5b50e3bd6f4b43 (origin/main, origin/HEAD, main)
Author: yeasin-ar <yeasin.arafat@bjitacademy.com>
Date: Mon Nov 25 11:39:23 2024 +0600

Initial commit

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (task4branch)
$ ^C

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (task4branch)
$ git checkout checktask4
Switched to branch 'checktask4'

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (checktask4)
$ git cherry-pick 8f5bb89ad48a238ae33b97b7f3d508dd73152be0
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 8f5bb89... feat (README.md): Add Markdown formatting for the Usage and Contributors sections, matching the provided design
hint: After resolving the conflicts, mark them with
hint: "git add/rm <paths>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Documents/Git Exam/team-pentagon (checktask4|CHERRY-PICKING)
$
```

Figure: For Conflict Resolved

6. After pull request approval:

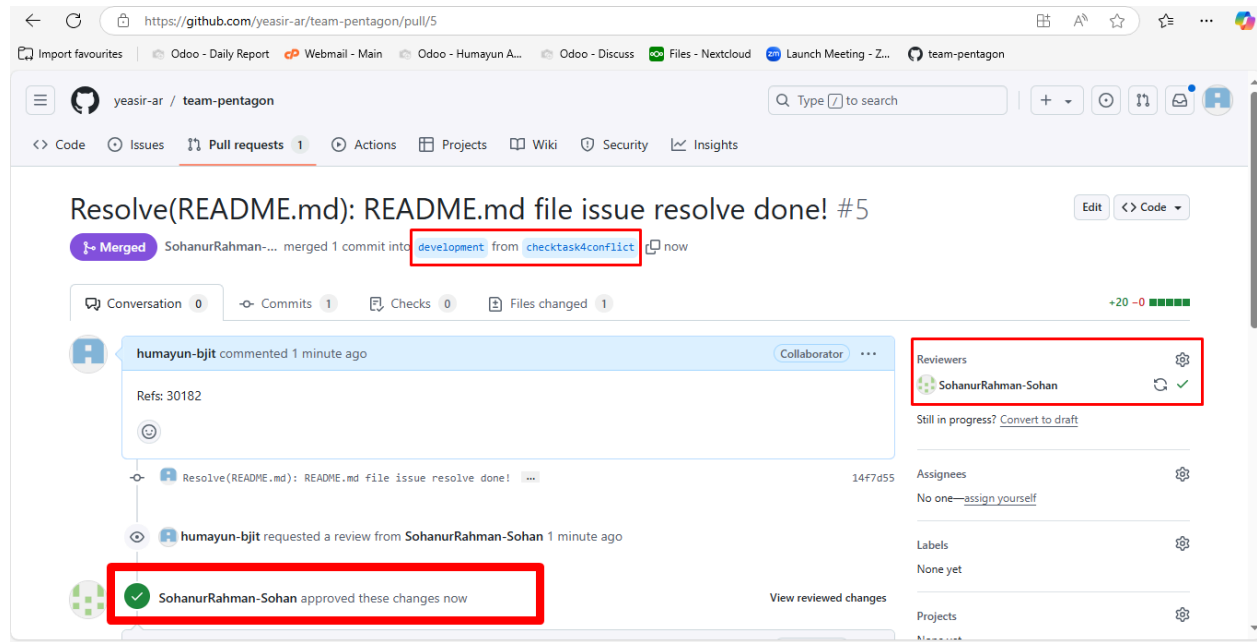


Figure: After approved pull request and merge complete.