

Section 0

```
Command Prompt
Microsoft Windows [Version 10.0.19041.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>git --version
git version 2.32.0.windows.1

C:\Users\Admin>mkdir project_dir

C:\Users\Admin>cd project_dir

C:\Users\Admin\project_dir>git init
Initialized empty Git repository in C:/Users/Admin/project_dir/.git/

C:\Users\Admin\project_dir>code .

C:\Users\Admin\project_dir>git status
On branch master

No commits yet

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

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

C:\Users\Admin\project_dir>git add .

C:\Users\Admin\project_dir>git commit -m "created index file"
[master (root-commit) d35d7d2] created index file
1 file changed, 9 insertions(+)
create mode 100644 index.html

C:\Users\Admin\project_dir>git status
On branch master
nothing to commit, working tree clean

C:\Users\Admin\project_dir>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    info.txt

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

C:\Users\Admin\project_dir>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   index.html

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

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\project_dir>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   index.html

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

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\project_dir>git add index.html

C:\Users\Admin\project_dir>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   index.html

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

C:\Users\Admin\project_dir>git commit -m "added a new line in index "
[master 56939af] added a new line in index
1 file changed, 1 insertion(+)

C:\Users\Admin\project_dir>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore

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

C:\Users\Admin\project_dir>git add .
```

```
Command Prompt
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   index.html

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

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\project_dir>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   index.html

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

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\project_dir>git add index.html

C:\Users\Admin\project_dir>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   index.html

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

C:\Users\Admin\project_dir>git commit -m "added a new line in index "
[master 56939af] added a new line in index
1 file changed, 1 insertion(+)

C:\Users\Admin\project_dir>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore

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

C:\Users\Admin\project_dir>git add .
```

```
Command Prompt
C:\Users\Admin\project_dir>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

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

no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\Admin\project_dir>git add index.html
C:\Users\Admin\project_dir>git commit -m "updated html file"
[master 92bfe01] updated html file
1 file changed, 1 insertion(+), 1 deletion(-)
C:\Users\Admin\project_dir>git log
commit 92bfe01e4762cc1122a81aa52e436ff4ebd8487 (HEAD -> master)
Author: Revathi009 <revathidusa09@gmail.com>
Date: Thu Jul 29 20:55:44 2021 +0530

    updated html file

commit 5963641e3ffed854f616a765948849cd909d847
Author: Revathi009 <revathidusa09@gmail.com>
Date: Thu Jul 29 20:50:31 2021 +0530

    created index file
C:\Users\Admin\project_dir>git checkout index.html
Updated 1 path from the index
C:\Users\Admin\project_dir>git add index.html
C:\Users\Admin\project_dir>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
C:\Users\Admin\project_dir>git restore --staged index.html
```

```
Command Prompt
C:\Users\Admin\project_dir>git restore --staged index.html
C:\Users\Admin\project_dir>alias my_add="git add"
'alias' is not recognized as an internal or external command,
operable program or batch file.
C:\Users\Admin\project_dir>git config --global alias.my_add git add
error: invalid key: alias.my_add
C:\Users\Admin\project_dir>git config --global alias.myadd git add
C:\Users\Admin\project_dir>myadd index.html
'myadd' is not recognized as an internal or external command,
operable program or batch file.
C:\Users\Admin\project_dir>git mv git add my_add
fatal: destination 'my_add' is not a directory
C:\Users\Admin\project_dir>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

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

no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\Admin\project_dir>git add index.html
C:\Users\Admin\project_dir>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html

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

C:\Users\Admin\project_dir>git commit -m "final file"
[master 5f5b353] final file
1 file changed, 1 insertion(+), 1 deletion(-)
C:\Users\Admin\project_dir>git reset --soft HEAD~1
```

Section 1

```
Command Prompt
Microsoft Windows [Version 10.0.19041.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>mkdir Assignments
C:\Users\Admin>cd Assignments
C:\Users\Admin\Assignments>git init
Initialized empty Git repository in C:/Users/Admin/Assignments/.git/
C:\Users\Admin\Assignments>git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    README.txt
nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Admin\Assignments>git add .
C:\Users\Admin\Assignments>git commit -m "created readme text file"
[master (root-commit) a15024d] created readme text file
1 file changed, 4 insertions(+)
 create mode 100644 README.txt
C:\Users\Admin\Assignments>git branch html-assignments
C:\Users\Admin\Assignments>git status
On branch master
nothing to commit, working tree clean
C:\Users\Admin\Assignments>git switch html-assignments
Switched to branch 'html-assignments'
C:\Users\Admin\Assignments>git status
On branch html-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    index.html
nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Admin\Assignments>git add .
C:\Users\Admin\Assignments>git commit -m "added a html file"
[html-assignments 1f5d78c] added a html file
1 file changed, 11 insertions(+)
```

```
Command Prompt
Microsoft Windows [Version 10.0.19041.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>cd Assignments
C:\Users\Admin\Assignments>git status
On branch html-assignments
nothing to commit, working tree clean
C:\Users\Admin\Assignments>git log
commit 87117c0958eac36da72d277ad0b010fb4c131cc (HEAD -> html-assignments)
Author: Revathi009 <revathidusa009@gmail.com>
Date: Thu Jul 29 21:42:46 2021 +0530

    updated a line in html file

commit 1f5d78c647db112438cb6cd05f025ee89525260c
Author: Revathi009 <revathidusa009@gmail.com>
Date: Thu Jul 29 21:40:50 2021 +0530

    added a html file

commit a15024ache87b0d7a0c23e0194d58890a13d2549 (master)
Author: Revathi009 <revathidusa009@gmail.com>
Date: Thu Jul 29 21:30:50 2021 +0530

    created readme text file
C:\Users\Admin\Assignments>git switch master
Switched to branch 'master'
C:\Users\Admin\Assignments>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   README.txt
no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\Admin\Assignments>git add README.txt
C:\Users\Admin\Assignments>git commit -m "updated readme file"
[master 0eb768e] updated readme file
1 file changed, 1 insertion(+), 1 deletion(-)
C:\Users\Admin\Assignments>git switch html-assignments
Switched to branch 'html-assignments'
C:\Users\Admin\Assignments>code .
```

```
Command Prompt
C:\Users\Admin\Assignments>git switch html-assignments
Switched to branch 'html-assignments'

C:\Users\Admin\Assignments>code .

C:\Users\Admin\Assignments>git status
On branch html-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\Assignments>git add .

C:\Users\Admin\Assignments>git commit -m "added a line after contact"
[html-assignments c191dff] added a line after contact
1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\Admin\Assignments>git checkout master
Switched to branch 'master'

C:\Users\Admin\Assignments>git merge html-assignments
Merge made by the 'recursive' strategy.
 index.html | 12 ++++++-----
 1 file changed, 12 insertions(+)
 create mode 100644 index.html

C:\Users\Admin\Assignments>git branch -d html-assignments
Deleted branch html-assignments (was c191dff).

C:\Users\Admin\Assignments>
```

Section 2

```
Command Prompt
Microsoft Windows [Version 10.0.19041.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>mkdir assignment

C:\Users\Admin>cd assignment

C:\Users\Admin\assignment>git init
Initialized empty Git repository in C:/Users/Admin/assignment/.git/

C:\Users\Admin\assignment>git status
On branch master

No commits yet

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

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

C:\Users\Admin\assignment>git add .

C:\Users\Admin\assignment>git commit -m "added readme file"
[master (root-commit) c5a4e03] added readme file
1 file changed, 1 insertion(+)
 create mode 100644 README.txt

C:\Users\Admin\assignment>git branch css-assignments

C:\Users\Admin\assignment>git status
On branch master
nothing to commit, working tree clean

C:\Users\Admin\assignment>git checkout css-assignments
Switched to branch 'css-assignments'

C:\Users\Admin\assignment>git status
On branch css-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        styles.css

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

C:\Users\Admin\assignment>git add styles.css

C:\Users\Admin\assignment>git commit -m "added a style sheet"
[css-assignments 7de3c47] added a style sheet
1 file changed, 4 insertions(+)
```

```
Command Prompt

[css-assignments 7de3c47] added a style sheet
1 file changed, 4 insertions(+)
create mode 100644 styles.css

C:\Users\Admin\assignment>git status
On branch css-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\assignment>git add README.txt

C:\Users\Admin\assignment>git commit -m "updated a line in readme file"
[css-assignments b2e6649] updated a line in readme file
1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\Admin\assignment>git checkout master
Switched to branch 'master'

C:\Users\Admin\assignment>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\assignment>git add README.txt

C:\Users\Admin\assignment>git commit -m "updated another line in README file"
[master 1c4fa7f] updated another line in README file
1 file changed, 3 insertions(+), 1 deletion(-)

C:\Users\Admin\assignment>git checkout css-assignments
Switched to branch 'css-assignments'

C:\Users\Admin\assignment>git status
On branch css-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   styles.css

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\assignment>git add styles.css
```

```
Command Prompt

C:\Users\Admin\assignment>git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   styles.css

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both modified:   README.txt

C:\Users\Admin\assignment>git add .

C:\Users\Admin\assignment>git commit -m "merged changes"
[master f1639de] merged changes

C:\Users\Admin\assignment>git merge css-assignments
Already up to date.

C:\Users\Admin\assignment>
```

Section 3

```
Command Prompt
Microsoft Windows [Version 10.0.19041.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>mkdir assignments
A subdirectory or file assignments already exists.

C:\Users\Admin>mkdir assign

C:\Users\Admin>cd assign

C:\Users\Admin\assign>git init
Initialized empty Git repository in C:/Users/Admin/assign/.git/

C:\Users\Admin\assign>git status
On branch master

No commits yet

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

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

C:\Users\Admin\assign>git add .

C:\Users\Admin\assign>git commit -m "added readme file"
[master (root-commit) 1c3d408] added readme file
1 file changed, 1 insertion(+)
create mode 100644 README.txt

C:\Users\Admin\assign>git branch js-assignments

C:\Users\Admin\assign>git status
On branch master
nothing to commit, working tree clean

C:\Users\Admin\assign>git checkout js-assignments
Switched to branch 'js-assignments'

C:\Users\Admin\assign>git status
On branch js-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        javascript.js

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

C:\Users\Admin\assign>git add .
```

```
Command Prompt

C:\Users\Admin\assign>git add .

C:\Users\Admin\assign>git commit -m "added a js file"
[js-assignments 9fa0026] added a js file
1 file changed, 1 insertion(+)
create mode 100644 javascript.js

C:\Users\Admin\assign>git status
On branch js-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\assign>git add README.txt

C:\Users\Admin\assign>git commit -m "added a new line"
[js-assignments 39de5af] added a new line
1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\Admin\assign>git checkout master
Switched to branch 'master'

C:\Users\Admin\assign>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\assign>git add README.txt

C:\Users\Admin\assign>git commit -m "added a new line"
[master a2fe4bc] added a new line
1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\Admin\assign>git checkout js-assignments
Switched to branch 'js-assignments'

C:\Users\Admin\assign>git status
On branch js-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt
```

```
Command Prompt
[master a2fedbc] added a new line
1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\Admin\assign>git checkout js-assignments
Switched to branch 'js-assignments'

C:\Users\Admin\assign>git status
On branch js-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   Readme.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Admin\assign>git add Readme.txt

C:\Users\Admin\assign>git commit -m "added another new line"
[js-assignments 94501ce] added another new line
1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\Admin\assign>git checkout master
Switched to branch 'master'

C:\Users\Admin\assign>git merge js-assignments
Auto-merging Readme.txt
CONFLICT (content): Merge conflict in Readme.txt
Automatic merge failed; fix conflicts and then commit the result.

C:\Users\Admin\assign>git add .

C:\Users\Admin\assign>git commit -m "changes rsolved"
[master bba5d99] changes rsolved

C:\Users\Admin\assign>git merge js-assignments
Already up to date.

C:\Users\Admin\assign>git branch -d js-assignments
Deleted branch js-assignments (was 94501ce).

C:\Users\Admin\assign>
```

Section 4 - A

Git Assingment Start to End.docx

Create a New Repository

Assignmentnet on GitHub - Google

github.com/new

Apps New Tab YouTube Maps Gmail

Reading list

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
[Import a repository.](#)

Owner *

Repository name *

Revathi009 / freshersbatch-oct16 ✓

Great repository names are freshersbatch-oct16 is available. inspiration? How about [ideal-train?](#)

Description (optional)

☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☐ Add a README file

This is where you can write a long description for your project. [Learn more.](#)

☐ Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

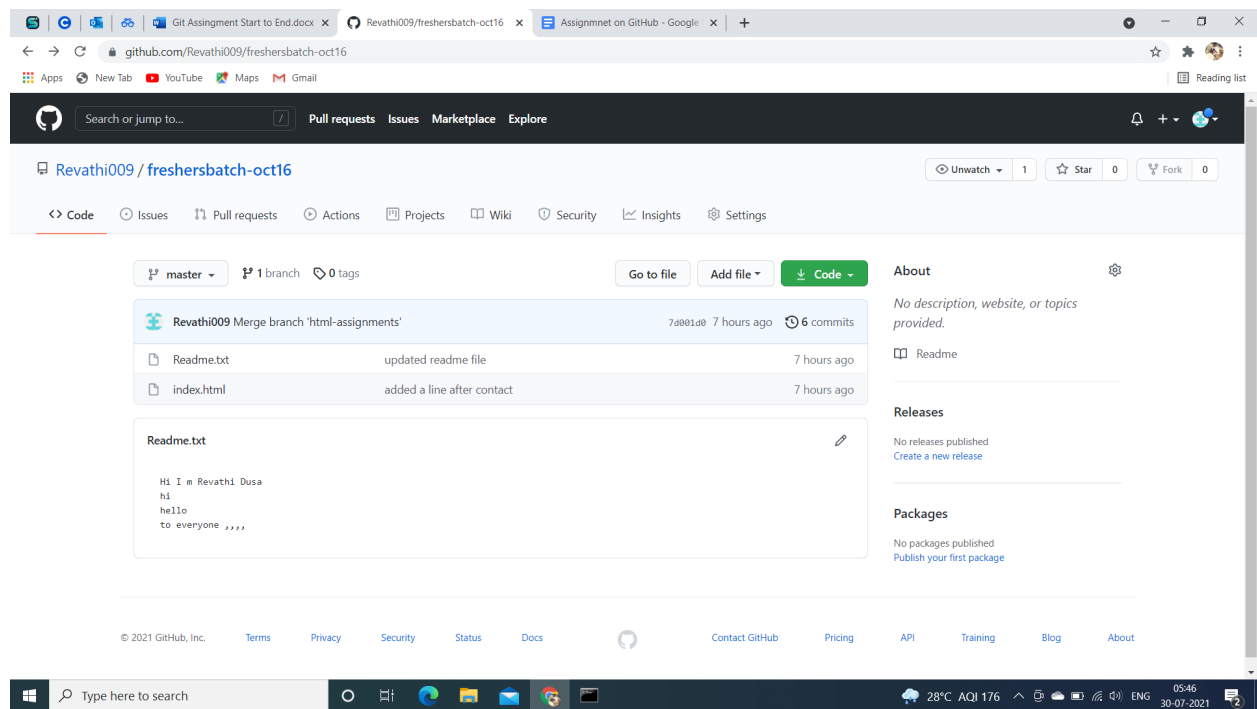
☐ Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

Create repository

```
Command Prompt
Microsoft Windows [Version 10.0.19041.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>cd Assignments
C:\Users\Admin\Assignments>git config --global user.name "Revathi009"
C:\Users\Admin\Assignments>git config --global user.email "revathidusa009@gmail.com"
C:\Users\Admin\Assignments>git config --global --list
core.editor=C:\Users\Admin\AppData\Local\Programs\Microsoft VS Code\Code.exe
user.name=Revathi009
user.email=revathidusa009@gmail.com
alias.myadd=git
C:\Users\Admin\Assignments>git remote add origin https://github.com/Revathi009/freshersbatch-oct16.git
C:\Users\Admin\Assignments>git push origin master
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 8 threads
Compressing objects: 100% (13/13), done.
Writing objects: 100% (17/17), 1.70 KiB | 290.00 KiB/s, done.
Total 17 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/Revathi009/freshersbatch-oct16.git
 * [new branch]      master -> master
C:\Users\Admin\Assignments>
```



Section 4 - B

