


# Git Assignment Question\_1

## 1. Configure your Git with your name and email.

`git config --global user.name "Deepugowda13"`

`git config --global user.email "deepikagowda547@gmail.com"`

 MINGW64:/c/Users/CSE

```
CSE@DESKTOP-CJIL3ML MINGW64 ~  
$ git config --global user.name "Deepugowda13"  
  
CSE@DESKTOP-CJIL3ML MINGW64 ~  
$ git config --global user.email "deepikagowda547@gmail.com"
```

## 2. Clone the project repository from GitHub

`git clone https://github.com/Deepugowda13/-student-attendance-app.git`

```
CSE@DESKTOP-CJIL3ML MINGW64 ~  
$ git clone https://github.com/Deepugowda13/-student-attendance-app.git  
Cloning into '-student-attendance-app'...  
remote: Enumerating objects: 27, done.  
remote: Counting objects: 100% (27/27), done.  
remote: Compressing objects: 100% (26/26), done.  
remote: Total 27 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
Receiving objects: 100% (27/27), 73.62 KiB | 116.00 KiB/s, done.  
  
CSE@DESKTOP-CJIL3ML MINGW64 ~  
$
```

## 3. Create a new feature branch.

- To navigate our git repository directory using `cd` command  
`cd -student-attendance-app`
- To check our current branch with the command  
`git branch`
- Create and switch to the new branch using one of the following commands:  
`git checkout -b new-feature`
- To ensure the new branch using the following command.  
`git branch`

```

CSE@DESKTOP-CJIL3ML MINGW64 ~
$ cd -- -student-attendance-app

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (main)
$ git branch
* main

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (main)
$ git checkout -b new-feature
git: 'chechout' is not a git command. See 'git --help'.

The most similar command is
    checkout

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (main)
$ git checkout -b new-feature
Switched to a new branch 'new-feature'

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git branch
    main
* new-feature

```

#### 4. Add a new file called `feature.py` to your branch

- `touch feature.py`
- `git add feature.py`
- `git status`
- `git commit -m "Add feature.py"`

```

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ touch feature.py

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git add feature.py

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git status
On branch new-feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   feature.py

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git commit -m "Add feature.py"
[new-feature a3dcc35] Add feature.py
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 feature.py

```

## 5. Commit your changes with a message.

- `git commit -m "Add new feature implementation"`

```
CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git commit -m "Add new feature implementation"
On branch new-feature
nothing to commit, working tree clean
```

## 6. Push your changes to the remote repository.

- `git push origin new-feature`

```
CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git push origin new-feature
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 300 bytes | 150.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'new-feature' on GitHub by visiting:
remote:   https://github.com/Deepugowda13/-student-attendance-app/pull/new/new-feature
remote:
To https://github.com/Deepugowda13/-student-attendance-app.git
 * [new branch]      new-feature -> new-feature
```

## 7. Pull the latest changes from the main branch

- `git pull origin main`

```
CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git pull origin main
From https://github.com/Deepugowda13/-student-attendance-app
 * branch            main          -> FETCH_HEAD
Already up to date.
```

## 8. Remove the `feature.py` file from your branch.

- `git rm feature.py`

```
CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git rm feature.py
rm 'feature.py'
```

## 9. Commit the removal of the file and push the changes

- `git commit -m "Remove feature.py"`
- `git push origin new-feature`

```
CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git commit -m "Remove feature.py"
[new-feature a8a5bac] Remove feature.py
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 feature.py

CSE@DESKTOP-CJIL3ML MINGW64 ~/--student-attendance-app (new-feature)
$ git push origin new-feature
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (1/1), done.
Writing objects: 100% (2/2), 256 bytes | 256.00 KiB/s, done.
Total 2 (delta 0), reused 1 (delta 0), pack-reused 0 (from 0)
To https://github.com/Deepugowda13/--student-attendance-app.git
a3dcc35..a8a5bac new-feature -> new-feature
```