

VTU INTERSHIP PROGRAM

JNANA VIKAS INSTITUTE OF TECHNOLOGY

BIDADI-RAMANAGARA

COURSE:AI-DEVOPS Engineer

"Git Assighment-01"

FROM

DARSHAN S

CAN_33503372

1JV21CS016

JVIT,BIDADI,RAMANAGARA

TO

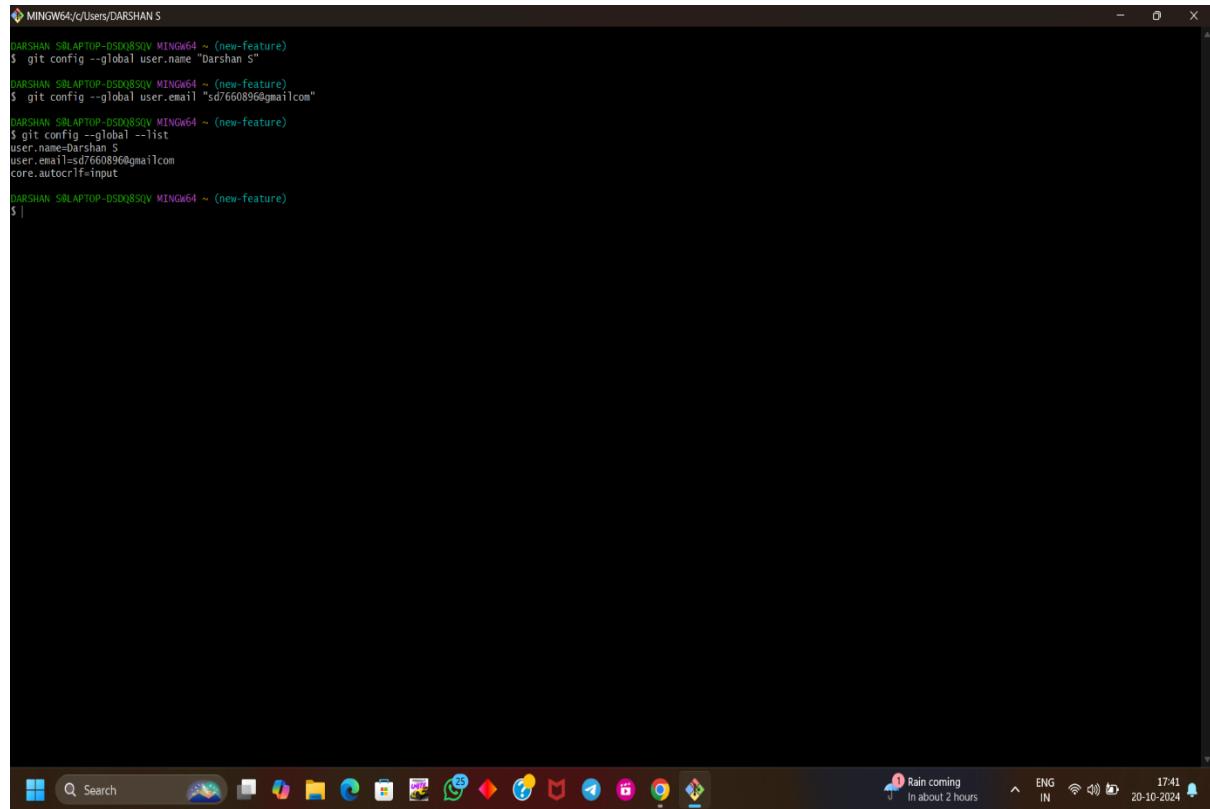
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ROOMAN TECHNOLOGIES

BENGALURU

QUESTION:

- 1) Configure your git with your name and email:

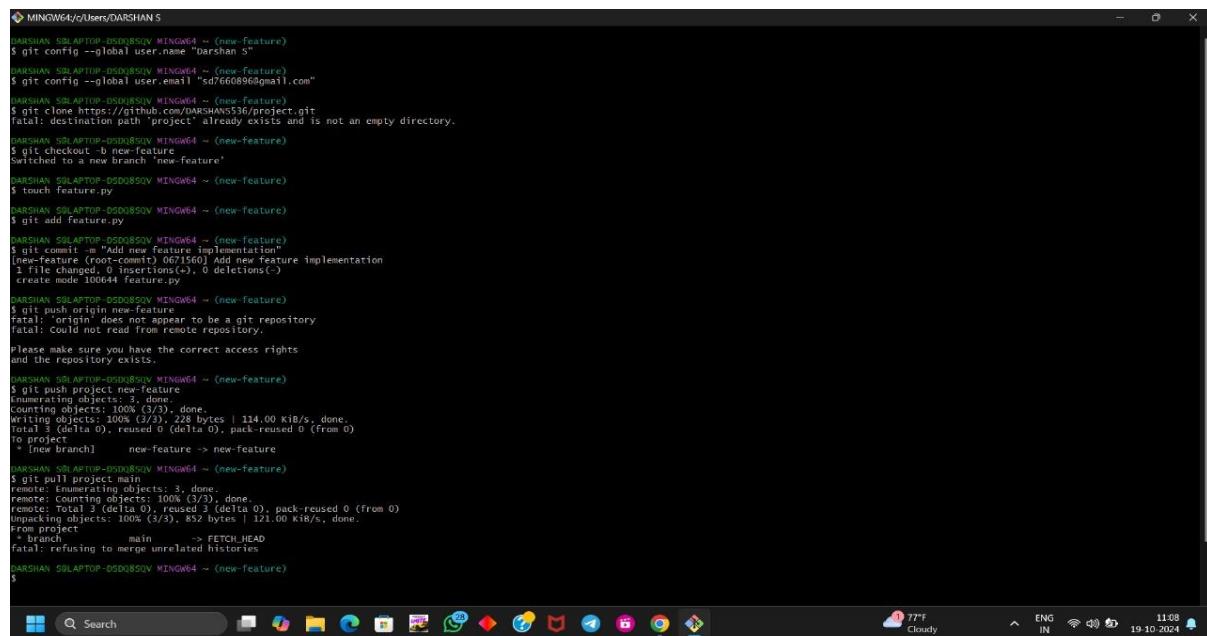


```
MINGW64:/c/Users/DARSHAN  
$ git config --global user.name "Darshan S"  
$ git config --global user.email "sd7660896@gmail.com"  
$ git config --list  
user.name=Darshan S  
user.email=sd7660896@gmail.com  
core.autocrlf=input  
$ |
```

- 2) Clone the project repository from GitHub:

- 3) Create a new feature branch:

- 4) Add a new file called **feature.txt** to your branch:



```
MINGW64:/c/Users/DARSHAN  
$ git config --global user.name "Darshan S"  
$ git config --global user.email "sd7660896@gmail.com"  
$ git clone https://github.com/DARSHAN5536/project.git  
fatal: destination path 'project' already exists and is not an empty directory.  
$ git checkout -b new-feature  
Switched to a new branch 'new-feature'  
$ touch feature.py  
$ git add feature.py  
$ git commit -m "Initial commit"  
[master 0671560] Initial commit  
 1 file changed, 0 insertions(+), 0 deletions(-)  
 create mode 100644 feature.py  
$ git push origin new-feature  
fatal: 'origin' does not appear to be a git repository  
fatal: Could not read from remote repository.  
Please make sure you have the correct access rights  
and the repository exists.  
$ git pull origin main  
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)  
To project  
 * [new branch]      new-feature  -> new-feature  
$ git pull project main  
remote: Enumerating objects: 3, done.  
remote: Counting objects: 100% (3/3), done.  
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)  
Unpacking objects: 100% (3/3), 852 bytes | 114.00 KiB/s, done.  
From https://github.com/DARSHAN5536/project  
 * branch          main       -> FETCH_HEAD  
fatal: refusing to merge unrelated histories  
$
```

5) Commit your changes with a message. 🗣

```
MINGW64/c/Users/DARSHAN
$ git add feature.py
DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git commit -m "Add new feature implementation"
[new-feature (root-commit) 0671560] Add new feature implementation
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature.py

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git push origin new-feature
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git push project new-feature
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 228 bytes | 114.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To project
  [new branch]      new-feature -> new-feature

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git pull project main
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 852 bytes | 121.00 KiB/s, done.
From project
 * branch            main      -> FETCH_HEAD
fatal: refusing to merge unrelated histories

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ rm feature.py
DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git commit -m "Remove feature.py"
[new-feature bda53ac] Remove feature.py
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 feature.py

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ ^[[200-]git push origin new-feature
bash: $^[[200-]git: command not found

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$
```

6) Push your changes to the remote repository. 🚀

7) Pull the latest changes from the main branch. ⏪

8) Remove the feature.py file from your branch. ❌

9) Commit the removal of the file and push the changes. 🚀

```
MINGW64/c/Users/DARSHAN
$ git push origin new-feature
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git push project new-feature
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 228 bytes | 114.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To project
  [new branch]      new-feature -> new-feature

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git pull project main
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 852 bytes | 121.00 KiB/s, done.
From project
 * branch            main      -> FETCH_HEAD
fatal: refusing to merge unrelated histories

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ rm feature.py
DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git commit -m "Remove feature.py"
[new-feature bda53ac] Remove feature.py
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 feature.py

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ ^[[200-]git push origin new-feature
bash: $^[[200-]git: command not found

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$ git push project new-feature
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 200.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To project
  0671560..bda53ac new-feature -> new-feature

DARSHAN S0LAPTOP-DS0Q85QV MINGW64 ~ (new-feature)
$
```

1. Configure your Git with your name and email.

To set your name and email globally (applies to all repositories):

```
git config --global user.name "Your Name"
```

```
git config --global user.email "youremail@example.com"
```

2. Clone the project repository from GitHub.

To clone the repository from the URL <https://github.com/example/repo.git>:

```
git clone https://github.com/example/repo.git
```

3. Create a new feature branch.

To create and switch to a branch called new-feature:

```
git checkout -b new-feature
```

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

To stage the new file feature.py for commit:

```
git add feature.py
```

5. Commit your changes with a message.

To commit your staged changes with the message "Add new feature implementation":

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

6. Push your changes to the remote repository.

To push your changes in the new-feature branch to the remote repository:

```
git push origin new-feature
```

7. Pull the latest changes from the main branch.

To pull the latest changes from the main branch of the remote repository:

```
git pull origin main
```

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

To remove the feature.py file from the repository:

```
git rm feature.py
```

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

To commit the removal and push the changes to the remote repository:

```
git commit -m "Remove feature.py file"
```

```
git push origin new-feature
```

