 

**Placement Empowerment Program**

***Cloud Computing and DevOps Centre***

**Set up Git Branching**

Name: SHAHANA.M.S Department: ADS



GitHub Pages is a free service that allows you to host static websites directly from your GitHub repositories. It's an excellent choice for personal projects, portfolios, documentation, and more. By leveraging GitHub Pages, you can deploy your static website without the need for additional hosting services.

* THIS IS AN OVERVIEW OF THE FOLLOWING STEPS IN SETTIING UP A GIT BRANCH:

**1. Check Current Branch:**

git branch

This will show a list of branches and indicate the current one with an asterisk (\*).

**2. Create a New Branch:**

git branch <branch-name>

This creates a new branch but does not switch to it.

**3. Switch to the New Branch:**

* git checkout <branch-name>

OR (newer command):

* git switch <branch-name>

**4. Create and Switch to a New Branch in One Command**

* git checkout -b <branch-name>
* git switch -c <branch-name>

**5. Push the New Branch to Remote**

**Repository:**

* git push -u origin <branch-name>

The -u flag sets up the branch to track the remote branch.

**6. Switch Between Branches:**

* git checkout <branch-name>
* git switch <branch-name>

**7. Delete a Branch:**

* **Delete a local branch** (if merged):

git branch -d <branch-name>

* **Force delete a local branch** (even if unmerged):

git branch -D <branch-name>

* **Delete a remote branch**:

git push origin --delete <branch-name>

Refer this photos to get an idea:



