

## Experiment 2: Basics of GitHub operations such as creating an account, create push and pull the repository between GitHub and Git local repository

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**Step 1:** Open [GitHub](#) official website

**Step 2:** Create an account by clicking on signing up on GitHub.

**Step 3:** Enter your email and click on continue.

**Step 4:** Create a password for your account and click continue

**Step 5:** Enter a username and click on continue

**Step 6:** Verify your account by solving captcha and click on create account.

**Step 7:** Verify your email and you can now sign in with your email

**Step 8:** Now click on profile button go to your repositories

**Step 9:** Click on New to create a new repository

**Step 10:** Provide a name for your repository and check the 'Add Readme file'.

**Step 11:** Click on create repository

**Step 12:** Go to Desktop and create a folder with some dummy files.

**Step 13:** Launch command prompt and navigate to the created folder.

**Note:** You must add your name and email in git bash and the ssh keys to your GitHub account before performing any git operations.

**Step 14:** Use the following command to initialize repository

```
git init
```

**Step 15:** Now commit all the files using following command

```
git commit -m "This is first commit"
```

**Step 16:** Now add the remote link of GitHub to the local git folder to connect the folder with the GitHub repository and push the repository.

**Step 17:** The files will appear on the GitHub.

**Step 18:** Click on Add new file > Create a new file > provide a name to your file and write some content.

**Step 19:** Add a commit message and click on commit

**Step 20:** To get the files on our local system we just added perform pull operation with following command.

```
git pull
```