

Set up the Git: 19/09/2018—TCD

Step 1. Download the git setup

Step 2: Install

Step 3: Go to web browser and create and account at “ [GitHub.com](https://github.com)”

Step 4: Create repository

Step 5: Create a folder in laptop

Step 6:

```
AGESPACEHELLO:Git_Test nilesh.meshram$ git config --global user.name "nilesh4554"  
AGESPACEHELLO:Git_Test nilesh.meshram$
```

This command will set up your global account.

Step 7: In same way we have to set our email id



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

```
AGESPACEHELLO:Git_Test nilesh.meshram$ git config --global user.name "nilesh4554"  
AGESPACEHELLO:Git_Test nilesh.meshram$ git config --global user.email neeshesh.meshram@gmail.com  
AGESPACEHELLO:Git_Test nilesh.meshram$
```

Step 8: Now I can clone my repository  
So, the path from git hub

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First test 1 Edit

Manage topics

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

nilesh4554 Initial commit

README.md Initial commit

README.md

**GitTest1**

First test 1

Clone with HTTPS Use SSH

Use Git or checkout with SVN using the web URL.

https://github.com/nilesh4554/GitTest1

Open in Desktop Download ZIP

```
AGESPACEHELLO:Git_Test nilesh.meshram$ git clone https://github.com/nilesh4554/GitTest1.git
```

```
AGESPACEHELLO:Git_Test nilesh.meshram$ git clone https://github.com/nilesh4554/GitTest1.git
Cloning into 'GitTest1'...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 3
Unpacking objects: 100% (3/3), done.
AGESPACEHELLO:Git_Test nilesh.meshram$
```

```
AGESPACEHELLO:Git_Test nilesh.meshram$ ls
GitTest1
AGESPACEHELLO:Git_Test nilesh.meshram$ cd GitTest1/
AGESPACEHELLO:GitTest1 nilesh.meshram$ ls
README.md
AGESPACEHELLO:GitTest1 nilesh.meshram$
```

Step 9:

Now create any file in gittest1 folder

```
AGESPACEHELLO:GitTest1 nilesh.meshram$ vi test
AGESPACEHELLO:GitTest1 nilesh.meshram$ ls
README.md      test
AGESPACEHELLO:GitTest1 nilesh.meshram$ vi test
AGESPACEHELLO:GitTest1 nilesh.meshram$
```

Step 10:

Now we have to upload this file to our git hub.  
For that use following command

Git add test

```
AGESPACEHELLO:GitTest1 nilesh.meshram$ git add test
```

Step 11:

Now check the status:

```
AGESPACEHELLO:GitTest1 nilesh.meshram$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   test

AGESPACEHELLO:GitTest1 nilesh.meshram$
```

So now before uploading this file we need to commit this file.

By using following command:

```
AGESPACEHELLO:GitTest1 nilesh.meshram$ git commit -m "first commit" test
[master b5a75d4] first commit
 1 file changed, 3 insertions(+)
 create mode 100644 test
AGESPACEHELLO:GitTest1 nilesh.meshram$
```

Here "first commit" is comment which we can give any thing

Step 12:

We have to push the file to git hub.

Use following command

\$ : Git push -u origin master

-u :- is the user name flag

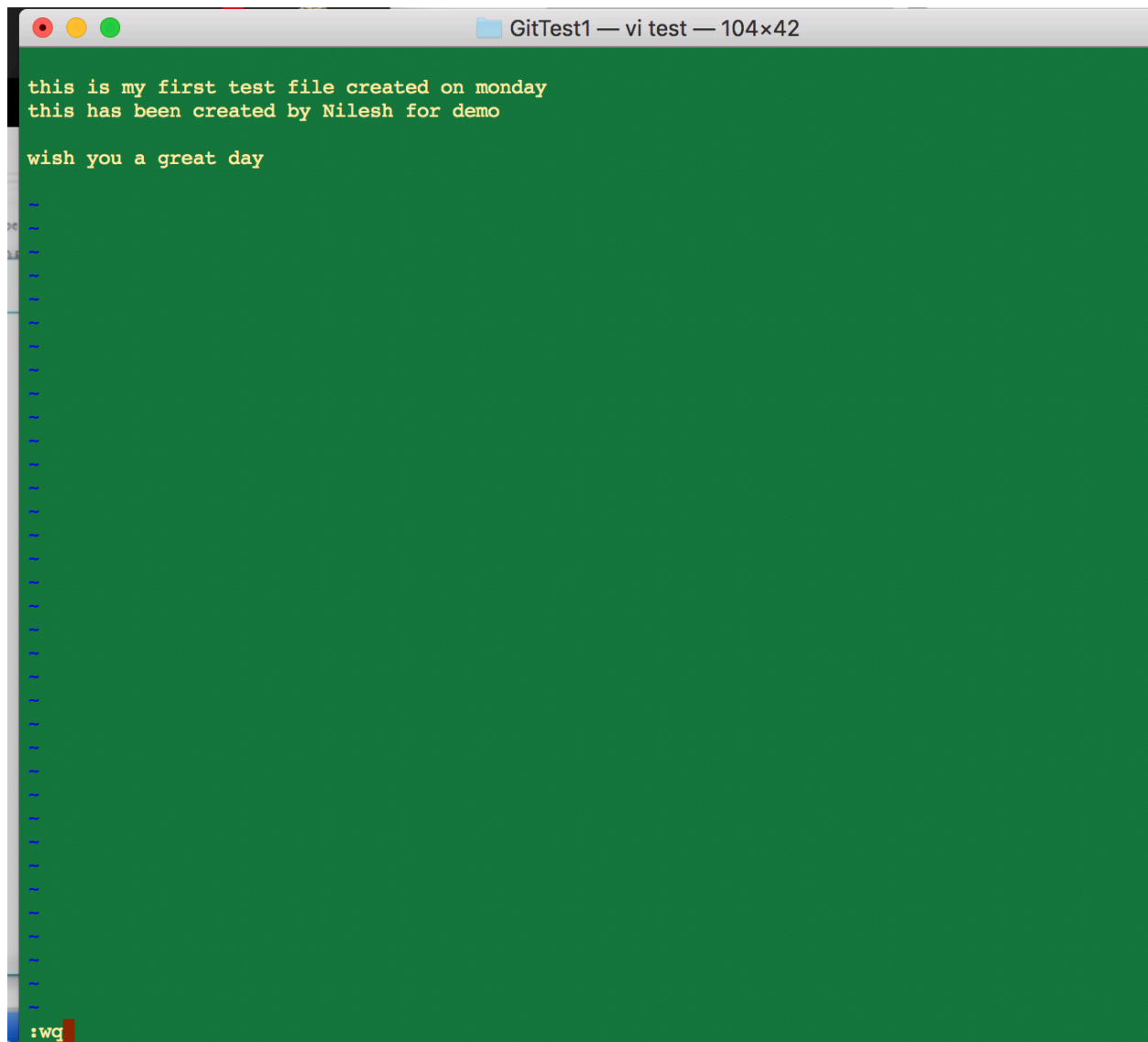
```
AGESPACEHELLO:GitTest1 nilesh.meshram$ git push -u origin master
Username for 'https://github.com': nilesh4554
Password for 'https://nilesh4554@github.com': 
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 314 bytes | 314.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/nilesh4554/GitTest1.git
7f34807..b5a75d4  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
AGESPACEHELLO:GitTest1 nilesh.meshram$
```

Now Go to web browser to check:

The image displays two side-by-side screenshots of a GitHub repository page for 'nilesh4554 / GitTest1'. Both screenshots show the repository's main interface, including the repository name, navigation tabs (Code, Issues, Pull requests), and commit history. The left screenshot shows the 'Initial commit' state with 1 commit and a file named 'README.md' highlighted with a red box. The right screenshot shows the state after a second commit, with 2 commits and two files, 'README.md' and 'test', both highlighted with red boxes. Both screenshots show the repository's main interface, including the repository name, navigation tabs (Code, Issues, Pull requests), and commit history.

Step 13:

Now if we want to make any changes to file:



```
GitTest1 — vi test — 104x42
this is my first test file created on monday
this has been created by Nilesh for demo


wish you a great day

:wg
```

So now that we have made some changes to the file we have to give same commit and push command

```
AGESPACEHELLO:GitTest1 nilesh.meshram$ git commit -m "first commit" test
[master 3beaf24] first commit
1 file changed, 3 insertions(+)
AGESPACEHELLO:GitTest1 nilesh.meshram$ git push -u origin master
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 352 bytes | 352.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/nilesh4554/GitTest1.git
b5a75d4..3beaf24 master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
AGESPACEHELLO:GitTest1 nilesh.meshram$
```

Now again go to browser to check the changes

 **nilesh4554** / **GitTest1**


<> Code

🔔 Issues **0**

🔗 Pull requests **0**

📁 Projects **0**

Branch: **master** ▾ **GitTest1** / **test**

 **nilesh4554** first commit

[1 contributor](#)

7 lines (3 sloc) | 111 Bytes

```
1
2  this is my first test file created on monday
3  this has been created by Nilesh for demo
4
5  wish you a great day
6
```