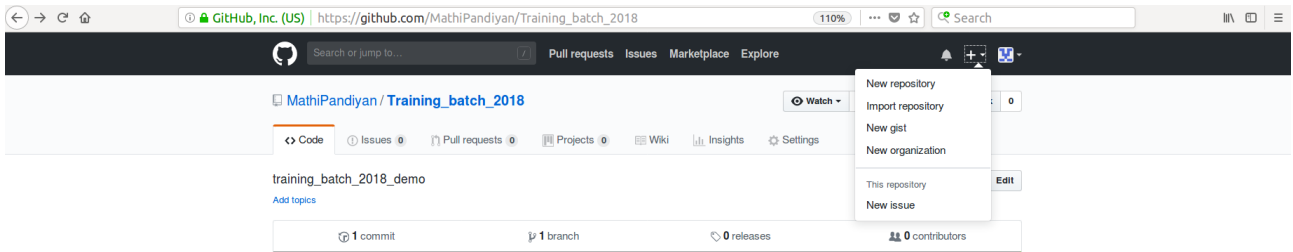
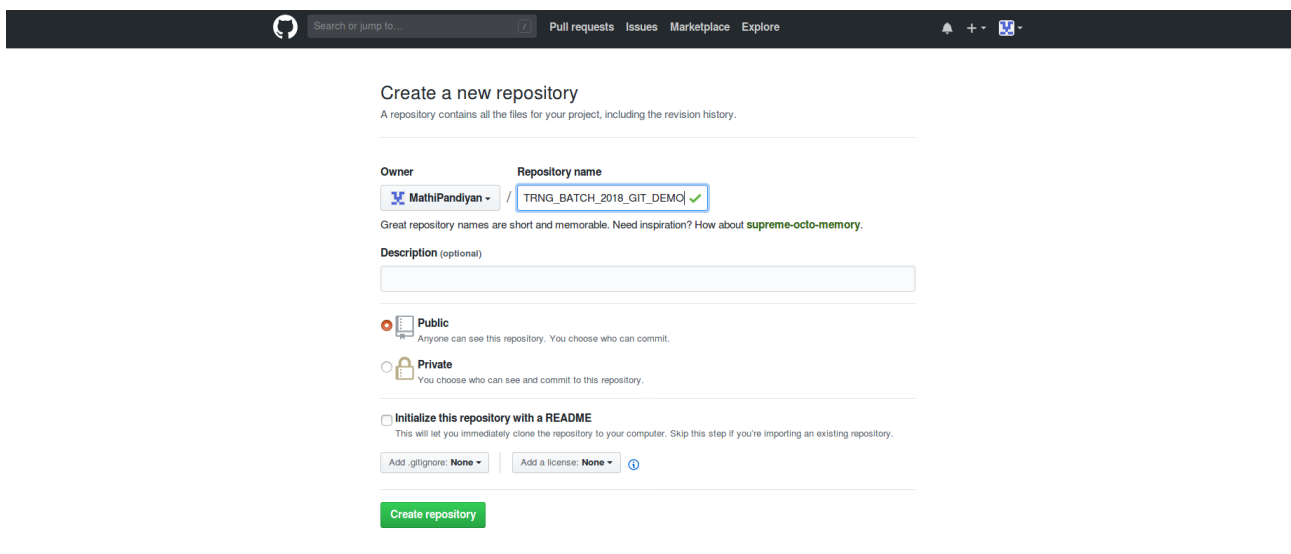


GIT DEMO

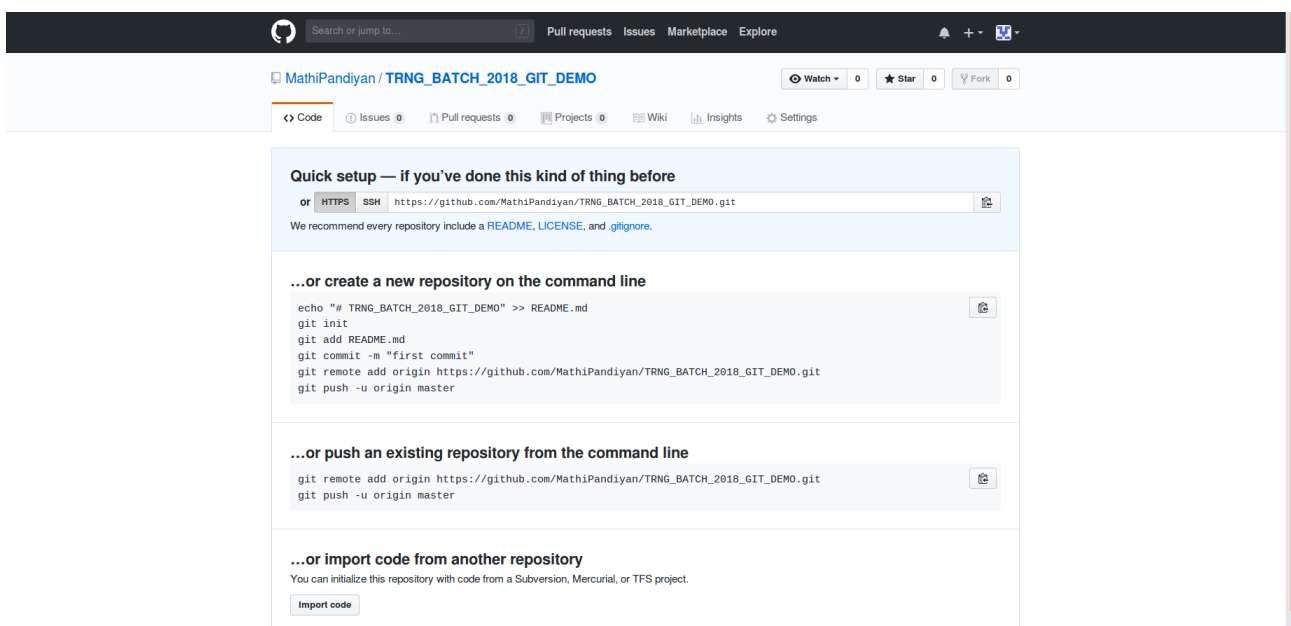
1. Create an git account from the git repository. URL: <https://github.com>
2. After login, Create a New Repository as shown



3. Name the repository and press the “Create repository” button.



4. Then UI should appear like this as shown below.



5. In Terminal create a directory and include some files in that directory. Then create a empty git repository in that directory using “git init”

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git init
Initialized empty Git repository in /home/vvdn/TRNG_BATCH_2018/TRNGB_2018_DEMO/.git/
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$
```

6. “git add”, “git status” and “git rm”

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ ls -al
total 200
drwxrwxr-x 3 vvdn vvdn 4096 Jun 17 23:38 .
drwxrwxr-x 4 vvdn vvdn 4096 Jun 17 23:35 ..
-rw-rw-r-- 1 vvdn vvdn 53701 Jun 17 23:38 edma_axi.c
-rw-rw-r-- 1 vvdn vvdn 69423 Jun 17 23:38 edma.c
-rw-rw-r-- 1 vvdn vvdn 13699 Jun 17 23:38 edma_ethtool.c
-rw-rw-r-- 1 vvdn vvdn 17912 Jun 17 23:38 edma.h
-rw-rw-r-- 1 vvdn vvdn 13339 Jun 17 23:38 edma_stats.c
-rw-rw-r-- 1 vvdn vvdn 10739 Jun 17 23:38 ess_edma.h
drwxrwxr-x 7 vvdn vvdn 4096 Jun 17 23:35 .git
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$
```

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git add *
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git status
On branch master

Initial commit

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

        new file:   edma.c
        new file:   edma.h
        new file:   edma_axi.c
        new file:   edma_ethtool.c
        new file:   edma_stats.c
        new file:   ess_edma.h

vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$
```

7. “git commit”, “git log”, “git show” and “git push”

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git commit -m "Initial commit"
[master (root-commit) e43c848] Initial commit
6 files changed, 6284 insertions(+)
create mode 100644 edma.c
create mode 100644 edma.h
create mode 100644 edma_axi.c
create mode 100644 edma_ethtool.c
create mode 100644 edma_stats.c
create mode 100644 ess_edma.h
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git status
On branch master
nothing to commit, working directory clean
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$
```

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git log
commit e43c848cb15a3e351f7c3a09e6bc0dc57d54420e
Author: mpandiyan <mathivanan.pandiyan@vvdntech.in>
Date: Sun Jun 17 23:45:31 2018 +0530
```

Initial commit

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$
```

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git show e43c848cb15a3e351f7c3a09e6bc0dc57d54420e
commit e43c848cb15a3e351f7c3a09e6bc0dc57d54420e
Author: mpandiyan <mathivanan.pandiyan@vvdntech.in>
Date: Sun Jun 17 23:45:31 2018 +0530
```

Initial commit

```
diff --git a/edma.c b/edma.c
new file mode 100644
index 0000000..5b7fe69
--- /dev/null
+++ b/edma.c
@@ -0,0 +1,2485 @@
+/*
+ * Copyright (c) 2014 - 2018, The Linux Foundation. All rights reserved.
+ *
+ * Permission to use, copy, modify, and/or distribute this software for
+ * any purpose with or without fee is hereby granted, provided that the
```

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git remote add origin https://github.com/MathiPandiyan/TRNG_BATCH_2018_GIT_DEMO.git
```

```
vvdn@vvdn-HP-Laptop-15-bs1xx:~/TRNG_BATCH_2018/TRNGB_2018_DEMO$ git push -u origin master
Username for 'https://github.com': MathiPandiyan
Password for 'https://MathiPandiyan@github.com':
Counting objects: 8, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 43.09 KiB | 0 bytes/s, done.
Total 8 (delta 0), reused 0 (delta 0)
To https://github.com/MathiPandiyan/TRNG_BATCH_2018_GIT_DEMO.git
 * [new branch] master -> master
Branch master set up to track remote branch master from origin.
```

8. Try “git reset”, “git revert”, “git clone”.
9. “git checkout”, Try to switch between branches, also try to create a new branch and push it to the git remote repository.
10. Try “git clone” to create a local git repository in your system.
11. “git branch”, try to create, delete and list branches in the local repository. Also update these branches in the remote repository.
12. Try “git diff”, “git merge”, “git rebase”.
13. Try “git pull” and “git fetch” and find the difference between them.
14. Try “git cherry-pick”