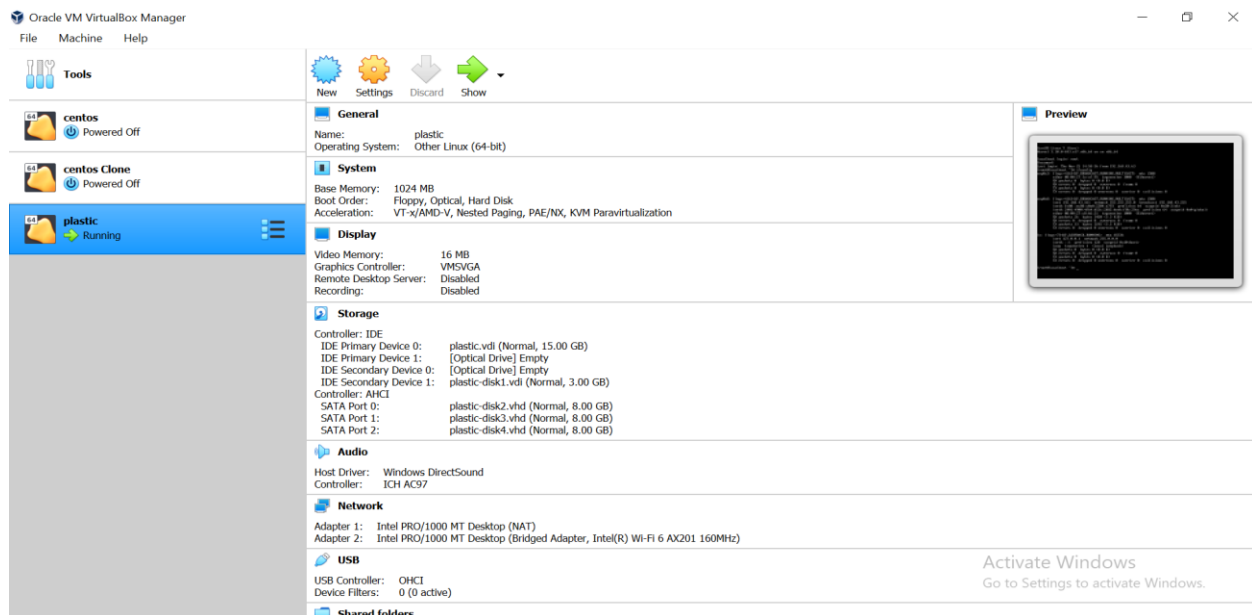
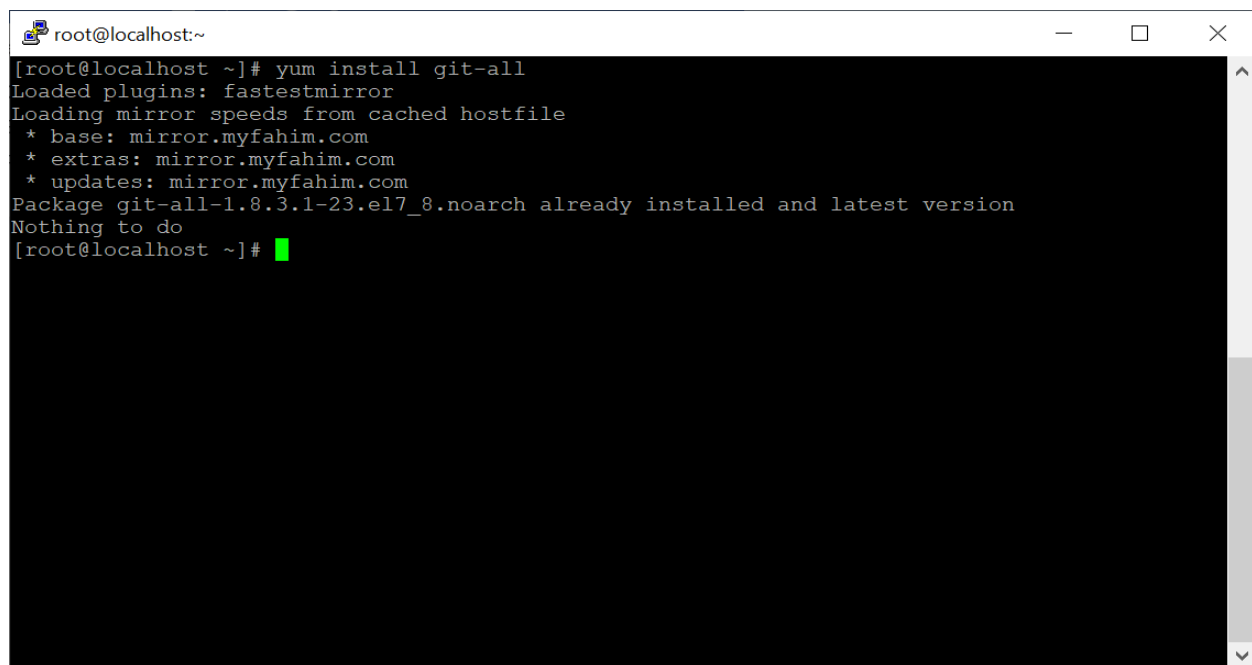


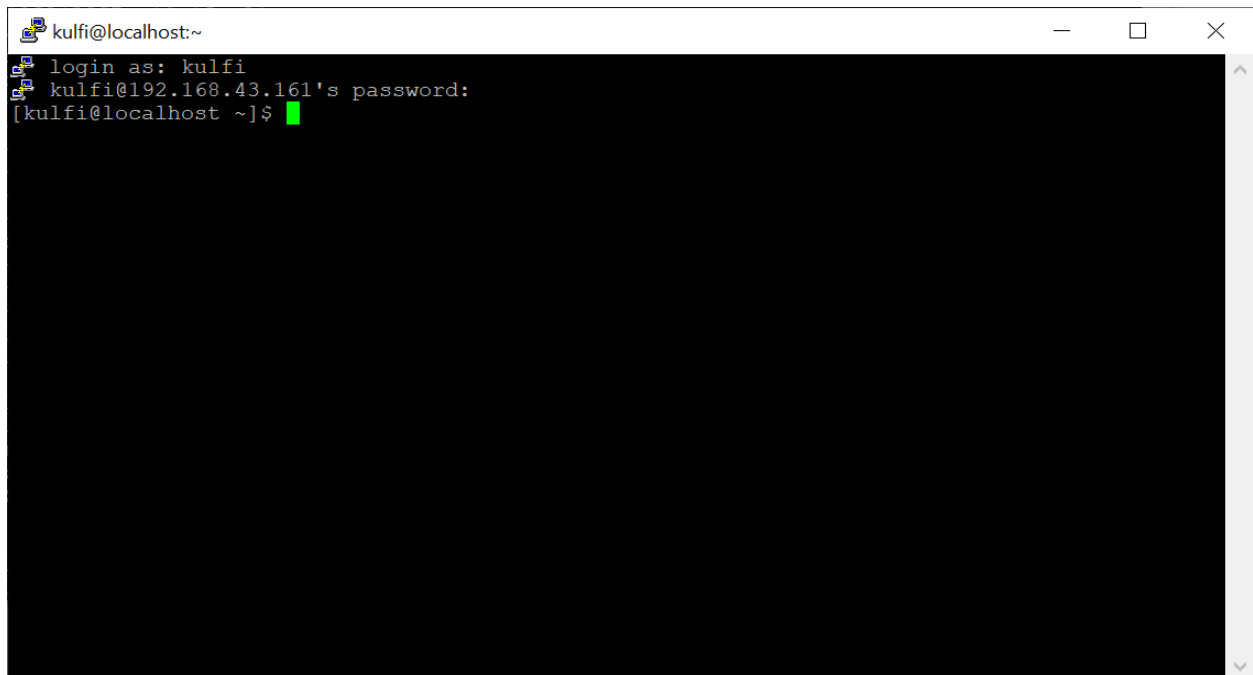
## 1.create/clone a new vm named as plastic



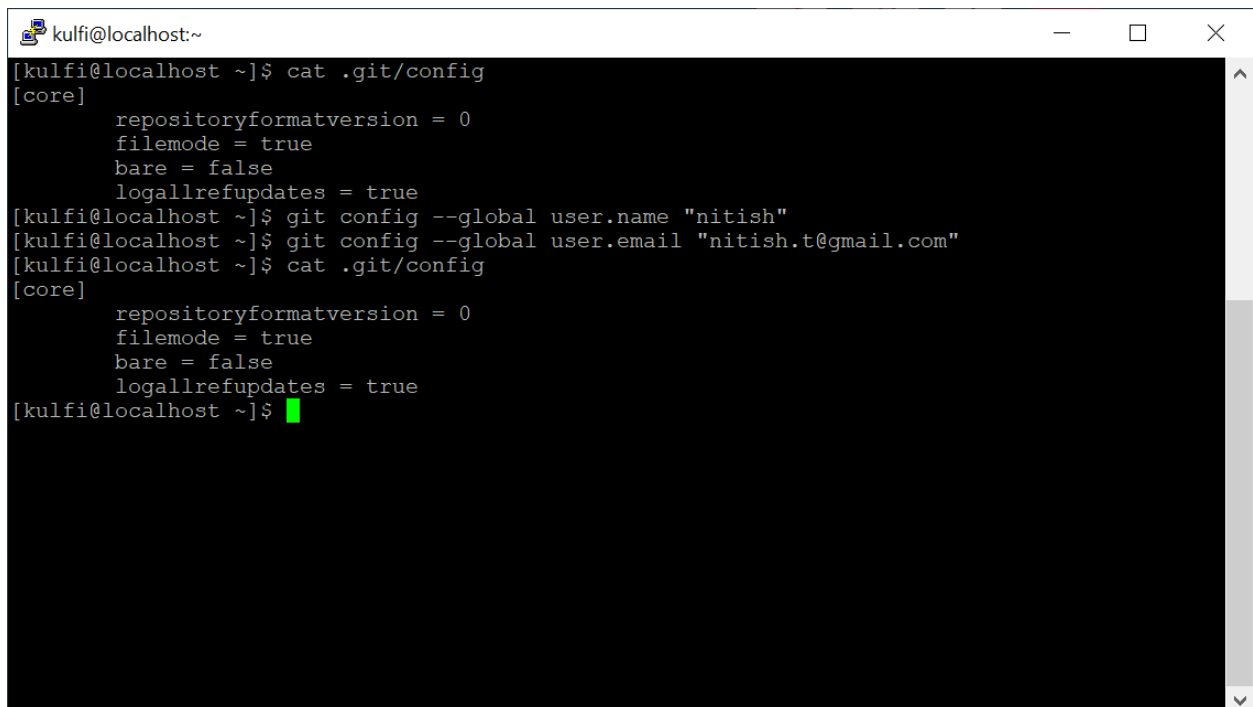
## 2. install git on the vm



### 3. create user named kulfi

A terminal window titled 'kulfi@localhost:~' with standard window controls. It shows the process of creating a user named 'kulfi'. The prompt is '[kulfi@localhost ~]\$'. The user has entered 'login as: kulfi' and 'kulfi@192.168.43.161's password:'. A green cursor is visible on the line '[kulfi@localhost ~]\$'.

### 4. create global config and add your name and email to it

A terminal window titled 'kulfi@localhost:~' with standard window controls. It shows the configuration of a global git user. The user runs 'cat .git/config' which shows default settings. Then they run 'git config --global user.name "nitish"' and 'git config --global user.email "nitish.t@gmail.com"'. Finally, they run 'cat .git/config' again, which now shows the added user information. A green cursor is visible on the final prompt line.

5. create/add 2 files and 1 dir then add those to staged area and then create commit named as toffee

```
kulfi@localhost:~/newone
[kulfi@localhost ~]$ cd newone
[kulfi@localhost newone]$ git init
Initialized empty Git repository in /home/kulfi/newone/.git/
[kulfi@localhost newone]$ touch 1.txt
[kulfi@localhost newone]$ touch 2.py
[kulfi@localhost newone]$ git status
# On branch master
#
# Initial commit
#
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       1.txt
#       2.py
nothing added to commit but untracked files present (use "git add" to track)
[kulfi@localhost newone]$ git add .
[kulfi@localhost newone]$ git status
# On branch master
#
# Initial commit
#
# Changes to be committed:
#   (use "git rm --cached <file>..." to unstage)
#
#       new file:   1.txt
#       new file:   2.py
#
[kulfi@localhost newone]$ git commit -m "toffee"
[master (root-commit) 3e4e12b] toffee
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 1.txt
create mode 100644 2.py
```

6. create/add 2 in the created dir and update/insert in 2 files then add those to staged area and then create commit named as tuty

```
kulfi@localhost:~/newone
[kulfi@localhost newone]$ touch 3.cpp
[kulfi@localhost newone]$ touch 4.html
[kulfi@localhost newone]$ vi 1.txt
[kulfi@localhost newone]$ git status
# On branch master
#
# Changes not staged for commit:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#       modified:   1.txt
#
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       1
#       3.cpp
#       4.html
no changes added to commit (use "git add" and/or "git commit -a")
[kulfi@localhost newone]$ git add .
[kulfi@localhost newone]$ git status
# On branch master
#
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       new file:   1
#       modified:   1.txt
#       new file:   3.cpp
#       new file:   4.html
#
[kulfi@localhost newone]$ git commit -m "tuty"
[master 4769f9d] tuty
4 files changed, 4 insertions(+)
create mode 100644 1
create mode 100644 3.cpp
create mode 100644 4.html
```

7. create/add 3 files update/insert in those files then add those to staged area and then create commit named as fruity

```
kulfi@localhost:~/newone
[kulfi@localhost newone]$ touch 5.css
[kulfi@localhost newone]$ touch 6.php
[kulfi@localhost newone]$ touch 7.png
[kulfi@localhost newone]$ vi 4.html
[kulfi@localhost newone]$ vi 3.cpp
[kulfi@localhost newone]$ git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#       modified:   3.cpp
#       modified:   4.html
#
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       5.css
#       6.php
#       7.png
no changes added to commit (use "git add" and/or "git commit -a")
[kulfi@localhost newone]$ git add .
[kulfi@localhost newone]$ git status
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       modified:   3.cpp
#       modified:   4.html
#       new file:   5.css
#       new file:   6.php
#       new file:   7.png
#
[kulfi@localhost newone]$ git commit -m "fruity"
[master 951fbab] fruity
5 files changed, 8 insertions(+)
create mode 100644 5.css
create mode 100644 6.php
create mode 100644 7.png
```

## 8. push all these commits to remote repo (github)

```
kulfi@localhost:~/newone
create mode 100644 5.css
create mode 100644 6.php
create mode 100644 7.png
[kulfi@localhost newone]$ git branch
* master
[kulfi@localhost newone]$ git remote add nitish https://github.com/nitishthelanakula/repo.git
[kulfi@localhost newone]$ git remote -v
nitish https://github.com/nitishthelanakula/repo.git (fetch)
nitish https://github.com/nitishthelanakula/repo.git (push)
[kulfi@localhost newone]$ git push -u nitish master
Username for 'https://github.com': nitishtelanakula23@gmail.com
Password for 'https://nitishtelanakula23@gmail.com@github.com':
Counting objects: 10, done.
Compressing objects: 100% (7/7), done.
Writing objects: 100% (10/10), 827 bytes | 0 bytes/s, done.
Total 10 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/nitishthelanakula/repo/pull/new/master
remote:
To https://github.com/nitishthelanakula/repo.git
 * [new branch]      master -> master
Branch master set up to track remote branch master from nitish.
[kulfi@localhost newone]$
```

github.com/nitishthelanakula/repo/tree/master

master 2 branches 0 tags

This branch is 3 commits ahead, 1 commit behind main.

nitish fruity		951fbab 9 minutes ago 3 commits
1	tuty	14 minutes ago
1.txt	tuty	14 minutes ago
2.py	toffee	16 minutes ago
3.cpp	fruity	9 minutes ago
4.html	fruity	9 minutes ago
5.css	fruity	9 minutes ago
6.php	fruity	9 minutes ago
7.png	fruity	9 minutes ago

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Activate Windows  
Go to Settings to activate Windows.

9. add new branch on git and create 4 file in it, update all 4 files, then add those to staged area and then create commit named as copico then push whole branch to remote repo (github)

```
kulfi@localhost:~/newone
[kulfi@localhost newone]$ git branch new_branch
[kulfi@localhost newone]$ git branch
* master
  new_branch
[kulfi@localhost newone]$ git checkout new_branch
Switched to branch 'new_branch'
[kulfi@localhost newone]$ git branch
  master
* new_branch
[kulfi@localhost newone]$ touch one.txt
[kulfi@localhost newone]$ touch second.py
[kulfi@localhost newone]$ touch third.cpp
[kulfi@localhost newone]$ touch fout.html
[kulfi@localhost newone]$ git status
# On branch new_branch
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       fout.html
#       one.txt
#       second.py
#       third.cpp
nothing added to commit but untracked files present (use "git add" to track)
[kulfi@localhost newone]$ vi one.txt
[kulfi@localhost newone]$ git status
# On branch new_branch
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       fout.html
#       one.txt
#       second.py
#       third.cpp
nothing added to commit but untracked files present (use "git add" to track)
[kulfi@localhost newone]$ git add .
[kulfi@localhost newone]$ git status
# On branch new_branch
# Changes to be committed:
```

```
kulfi@localhost:~/newone
# one.txt
# second.py
# third.cpp
nothing added to commit but untracked files present (use "git add" to track)
[kulfi@localhost newone]$ git add .
[kulfi@localhost newone]$ git status
# On branch new_branch
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       new file:   fout.html
#       new file:   one.txt
#       new file:   second.py
#       new file:   third.cpp
#
[kulfi@localhost newone]$ git commit -m "copic"
[new_branch 3adb7f4] copic
4 files changed, 2 insertions(+)
create mode 100644 fout.html
create mode 100644 one.txt
create mode 100644 second.py
create mode 100644 third.cpp
[kulfi@localhost newone]$ git push -u nitish new_branch
Username for 'https://github.com': nitishtelanakula23@gmail.com
Password for 'https://nitishtelanakula23@gmail.com@github.com':
Counting objects: 4, done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 313 bytes | 0 bytes/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'new_branch' on GitHub by visiting:
remote:   https://github.com/nitishthelanakula/repo/pull/new/new_branch
remote:
To https://github.com/nitishthelanakula/repo.git
 * [new branch]      new_branch -> new_branch
Branch new_branch set up to track remote branch new_branch from nitish.
[kulfi@localhost newone]$
```

nitishthelanakula / repo Public

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master had recent pushes 14 minutes ago [Compare & pull request](#)

new\_branch had recent pushes 6 minutes ago [Compare & pull request](#)

new\_branch 3 branches 0 tags [Go to file](#) [Add file](#) [Code](#)

This branch is 4 commits ahead, 1 commit behind main. [Contribute](#)

nitish copic	3adb7f4 7 minutes ago	4 commits
1	tuty	27 minutes ago

About

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## 10. add 2 files in github and try to pull them on local repo

