Question

What is Git

Get is a mature, actively Maintained open source Software.

The row Performance Characteristicts of Git are very strong when compared to many afternatives. Committing new Changes, bronching, menging and comparing past versions are all optamized for performance.

Collaboration platform used by prefersional programmers to develop now reptwere.

It is a advanced platform.

1> Got Clone

It is a command for downloading enviring source code from a remote repository.

get clone < NHP 5°. 1/ name - of the - repository

## 2) Gpt branch

Branches one highly important in the oft world. By using Branches, several develope -s are able to work in parallel on same project. simultaneously. This Command will create a branch locally branches when branch or get branch - 18st Detating branch or get branch - 18st get branch - ol < branch - name)

3/ Git Check out

Used to switching from one branch to another. We can also use It for checking out feles and commits.

get checkout zname-of- your - branch >

4> GPH Status

The Git Status Command gives us all the necessary Enformation about the get Status

6> GP4 add.

When use create, modify or delete a file, where changes usin happen in our local and won't be included in the next commit.

We need to use the git add command to Include the Changes of a files into our next commit.

To add a single file so

ght add & file >

To add everything at once so

ght add -A.

The most used command.

in the development process which you can go back to later if needed.

GPH Commet -m "commet mensage"

After commetting your changes, the next thing you want to do is send your changes to the remate senior. Git push uploads your commets to the remate repository.

get push Kremote > < branch - name >

8> Git Pull

The get poll command is used to get updates from the remote repo.

Let boll Tromote>

of Get revert

use've made.

There is the safer way that use comments as they using off revert.

9H revert 3321844

10) Get Confég

It is a Convenience function duat is used
to set get configuration values on a global
or local project level.

Or local project level.

Compared to the control of the contr

11> Get met

Creates a new Get repository.

Oft Post 2 derectory

Justaling Gittaus

\$ Sudo apt Update

\$ Sudo apt Parstall get

\$ get -- Vernion

= git Vernion 2. 25.1

## 2) Functions

Function is a command in linux which is used to create functions or Methods.

Using function keywoord & function septemble due rame of the function before the rame of the function. Different Statements can be separated by or Semicolon or a new line

function is a revealed block of code.
Often we put repeated code in a
function and coll dust function
from various places. Library is
a collection of functions, we can
define commonly used function in
a library and other scripts com
we chem without deplicating
the code.

Coulling function se & my-func

function\_name () i list of commonds

Pars parameters to functions.

You can define a function duat will accept parameters while calling the function.

These parameters would be represented by \$1,\$2 and so on.

Returning value from function
If you execute an exit command from
inside a function, its effects is not
only to terminate execution of the
protion but also the shen program
that called the function.

neturn coole.

Nested forctions one of the more supersting feature of function is that they can cold themselves and also other function.

A function dust calls street is those as a recursive function.