

OTT: what is GIT? advantages & disadvantages of git

for tracking changes in source code deving Software development. It is designed for coordinating work among Perogrammers

GIIT Commands.

git Config git Config -global usen name "[name]" git config -global usen email "[email address]

This command Lets the author name and email address Respectively to be used with your commits.

git config -- global cuer name "Perpthi"
git config -- global user email
"Prapthi@gmail.com"

Usage git init [repository name] It is used to start new repository 2) git init

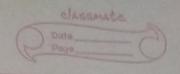
3) git Clone I wil I

This command is used to obtain a

sup esilony form an existing URL git clone nttps: 1/ gilhub. com/ prapthil git ourple. usage get add [file]
This command adds a file to the stage
area.

9 git add projects 5) git add \*
This command adds one or more to the staging area. git commit on " [ Type in the commit onessage]" This command records or snapshots thefit This commend commits any files you have added with the git add commend and also commits any files to we have changed since then -> gil commit -a. on branch master. git tag [ commit ID].

This command is used to quie to
the specified commit



{ git tag bo153
git tag.
} 1 2685

9) Git push [ variable name] mas ter.

This command Lends the committed

Changes of master bearth to your sum te

\* git push origin master.

Claurame for "https//github.com": Perapthi Password for https// Prapthi@github.com:

10) Git fush [vanishe name]: [branch name]
This command delets a branch on your
sumote supository.

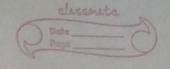
get puch origin: branch-2 cischnine for 'https://githeb.com': Prepthi Password for 'https:// Prapthi.com:

Il) git merge I breach name].
This command merges the specified breamh's history into the

Advantages of GITT · Sewenty built is designed specially to markete the integrate of source code. · Bushing open source project.
· Performance. Git performs very strong reliably when compared to other version is Bystems Disadvantages of OITT e Co IT requires sechniqual excellence and it Slower on windows o They have poor by I and usability.

o GITT doesn't support checking out sub-ye

of tracks window dupport and doesn't to empty pldens. parallel developments used by the develop Features of GIIT . Free and open source · Scalable · Creates backups · Tracks history Supports non linear development · Branching is caseer.



Installing git

. Install git using apl-get & Sudo apt-get update & Sudo apt-get install git

· To verify enstallation ·· Version : & get -- version 2.92

Function command in Linux what is function and how it is used

Function is a command in living suches is

Using Kuyword Keyword: A function in linux can be delared by using keyword function before the of the function. Different statements can be separated by a semi-when on a new line

function name { commands; } en: function say-hello.

echo Hello, Welcome.

\$ say-hello Hello, welsome.

Using parenthesis of function can also be declared by using parenthesis after the name of the function.

different slatements can be depended by a name () & commands; } en: Say\_hello() echo Hello, Welsome Say-hello Hello, Welsome Parameterised function function add add = \$ ((a+b)) Cho & add add 3 4 I will display the first argument that we send and I will display the second and