## Crit and Grithub

	and annual accordance
	and dual
	conat is git?  This a version control system that allow  This a version control system that allow
	This a version to edit our code banks
	into store, update
-	iet say we have our city
	make change and
	VIO MIS IS WHOSE
	and can share it with our people, corumners.
	and can share it with our fact in the source
	-It keep tracking changes in the source.
	code, enable multiple developers to work
	together. It can store any kind of file like txt csy
	etc.
	concert is githup?
	Github is a web-based version-control
	and collaboration platform for pevelopers.
	-It has helpe com
	commands:
	- use git boun if you have instemed git
	or can use command prompt.
	1) 70 check git version
	& git version
	217D Set config. ( Media di di di
	email):
	11
1	- It helps when people to get to know your
-#	i dentity.

Page	No.	2	,	
Date				

to exit.

	git config global user name "your name here	n .
	de to set emails:	
	git config global wer email" your email".	
	i bandon	
	47 70 check whether memane lemail set or not!	
	- some command i.e. you wed to set them.	
	that the board	8
	s) 70 et e edit wemaine le mail:	
	git config giobal edit -> To enter confi file	9
	file	d ——
t	Betep to exit config fire edit mode	
	ESC -> 70 enter excommand mode	
	then,	
	: wg -> ito exit modern un an or min	
	+ enter	
	some Baile Command	
	mkdir directoryname - to crease directory	
	cd foldemane - to get in folder	
	clear - to clear qit boin soreen.	
	i gangani i nga shiriki ngangari ka kan dikan a a	
	7) To cione repo:	
- 11	egit (lone repo-link	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	vim Readme md - to get into readme tile insen,	)
	Keagine in a to get into readive file insen,	ther
	at Readme and - to get see the update you have	ofter
	must be	ana
	CAP	type: wg
(1)	li li	1

	Cophional = if were work to?  Page No. 3  Date
	what is respository?
	14 means a project that you can
	track with the nelp of gitting
	Comment in the many operation of the life
	command:
	then tourne boundary in git respository
- Stepi]	(i) git init
	[ After this command on empty git responsis
3130	
	(ii) 70 sett see au files in respo l'oprional
	(iii) 70 see all hidden files {optional}:  → 13 -a
	(iv) git statu - it snows all changes caphionals made in that respo.
SH(P)	#(b) 70 and files somat git can tracultuen  or git add file name fintead of filename if
	you want to add all file use culty or . 3
oten3	After adding file it goes into staging ones in simple world, it is a place where you reproduce the changes that you have made before making commit.
	before making commit. You nave made

	Page No. 4
	Date
	working directory
	git add.
	Staging area
	git commit
	repository (
	Git commit:
51004)	commit: below command is used to commit your
5117	git commit ## -m "initial commit".
,	
	To see all your commits - git 10g3
	*[-m: means you are writing any message regarding
	commit & some in the state of the
	" : In bern double coat we write our message?  4 it should be meaningful.
	of It should be meaningful.
	also as the continued trains in the
A	checkout mensi andre si tomen dense to
	whenever ue make m commits our history is
	getting saved.
	In git we have power to go back to any
	of that commit. In simple words it we had made
	5 commits & with each commit we have added
	I rew file. So git allow me to go to any commit
v ·	lets say commit 3, at this moment i will have
	all 3 pile since I'm in commits.
	70 do inis rue have a command,
	- git checkout Hash code
	<b>^</b>
	Eyou can find hain code by wing git log command
	with each commits a namcode get added to it, for
	location purpose?
	marter le cinite monter éto get to your marter,
and the second second second	manter is similar like root node?

A for example, if you we anaconda muse we have have env & we can create multiple so, mouter in git is like house env & commit that we perform go on creating new env Branch: just like us can make multiple env in py-& we we lets say conda reactivelle to go Impre in multiple branch (env). Similarly git how branch concept, it shows all branches which include all commit, malter, branche other your define branch. 170 see all branch - git branch & # snows cument/working branch in list of branches? eto change branch - git checkout houhande to get in ¿ use hashcode for commit/ type" master " formaster name of youer define branch to get in 3 Branch? explanation: There is a master branch just like noot node in of a tree & you can make moutiple branches from that manter branch. 970 crease branch - git branch name/feature of manon Sname of manch & DY We - git checkout - b branch mime/ reature of branch

2+b will crease branch & checkout-get a init.}

70 dutete branch - git branch -d branchmane merge: 10 merge > git merge branchname THE SOUTH ALL THE THE THE Merge is used to merge to two braches basically if two branches have different codes lets say one branch has activate app & other & has the change developer made so to apply mose changes we can use merge unat merge uill do is runen ue merge two branches it will commit all the changes & files that the branch 2 how in branch 1 an Note: other manener win not get modified why performing this. git bound the war town in the land the 027 /C/portfolio (cdev) distribution de des listes I git merge the changes Here, all unique I different I enanged siles in branch changes will get committed in brand Mote: All changes use made in different / child branches like dev, changes from above e.g. and once es all your development part got finish you can merge those dev, change tile to matter frend them to production.

\* git ignore: when you want that git should not track some file you can put them in gitignore file ... e.g. to we have a file semether, and we wont that ge git must track all tiles except secretized file so you can put them in git ignore. It looks like - gitignore and findide this file name all the file that you went to keep hiddeng. 70 push existing repository: y git remote and origin (copy from github respu)

ny git branch - M main - you can also change name
from origin to werdeline si git push -u origin master Is which bronch master - Keep it same that wed in Step. 1) Stray Oit fork: jets say your hierd has made a report ne now added some file, now you want to update and add some file in it. Here you can use some fork, it basically will create me same repo in your github account.