Date: M T W T F S S
, GIT > Version Control System is a tool
that helps to track changes in code.
.GIT is a version Control system.
* Track the history
* Collaborate.
. GITHUB > website that allows developers
to store a manage their code using Gir
* Repository > Project.
-16 milled tools
GIT Commands
the fill sold were
git -version. > check git version
different note: et confiéélobal user name "_
git config global user.email ""
git config list.
git coming mor.

Date:	FSS
Clone & Status.	
clone:> doning a repo. on	our local machine.
git clone < some	mk>
status:> displays the state of	the code.
git status.	<i>j</i>
1 1 0 1	
ls -> list files	
ls -a → list hidden	files.
* 11-4 1-1 01	
* Untracked file	(1
new files that	git doesn't yet took
(mportant note: changed	J
Important note: changed	
(and) # staged file is of	1 Kr
ما م	ady to be committee
* unmodified	14
uncha	anged

adds new or changed files in add your working directory to the sit staging area Sit add <-file name-> commit - It is the record of change git commit -m "some message" Push - upload local repo content to remote repo. sit push origin main. Init Command Important note: init - used to create a new sit repo

Date:

git init
git remote add origin <link/>
git remote -v (to verify remote)
get branch (to check branch)
git branch - M main (to rename branch)
eit push oxigin main.
5 7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
mkdir lacatrepo
cd local sepo
ls -a (no git).
git init
ls -a (exists .git)
5.4)
Important note: A Create new file
(00)
Sit status (add content
sit add.
git status

git commit -m "Message" git status. # coeste repo on github. (without Red) new sit remote add origin <-- link of report code Brond 1 git remote -v git branch. Projed Ireanch 3 B-ourch? Sit branch - M main git branch git push oxigin main. osigin main git push

	INDIA'S NO.1 CEMEN	MTW	TEC
	Date:		28
	create new file		
	Cheme was	1, 1.	
ş î	gid add. git commit—m "Msg" git push.		
*	Work Flow :>	1	testuse
	git branches	3 —(2	6
	0 2	6-7	
		1	· •
		main/	master
	git branch (to check be	anch)	
	git branch -M main (to	renam	re branch
	git checkout <- branch na	me ->	· (to navigat
	git checkout -b <- new book	nch name	
	Important note:	reate .	new brand
	git branch -d <- branch nam	e ->	(to delek
			branch

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Date.	MI I WI I F 3 3			
git branch checkout -b	feature x > new board			
git checkout main git checkout features				
git branch git branch git branch				
git branch -d featurey	(Eives essors)			
git checkout main git branch -d featurey git push origin feature	(deletes 2) ex. (to gitHub)			
Important note: git diff mair				
Merge Det merge mair				

from GitHub (Rend git pul origin main to Git(Local) Resolving Merge Conflicts An event that takes place when Git is unable to automatically resolve differences in code b/w 2 commits. yourtant d- booking 4 When 2 same files in 2 different branches have changes in a same line then choose I or both if required then save the file. git setatus. git add. git commit -m Important note: 61t status git diff main git checkout main git merge featurent. > git push

Date:	MTWTFSS
* Undoing changes	(added but not committed)
	committed)
case 1: staged changes.	
git reset <-	-file name->
git reset.	
case 2: committed changes	(for one commit)
	commits lader
git reset HEA	0~1. 1-2-1-
git log (co	Units) Went Head
case 3: committed change	
git reset <-c	ommit hash ->
git reset	rand < commit hash-)
Important noto:	
important note.	
A fook is a new.	sepo. that shares
code & visibility set	tings with the original
"ustream" repo.	, ·
	is a rough copy