**Git or Git Bash**

1. Git :

version control system

* 1. Like : make a them … with many programmer’s works by veraities filed like
     1. Navber make one
     2. Page make or tabile other
     3. Footer make another persion it’s make by git by uploding web joined by mearge system
  2. Any were we can access by git it’s easy project bulder handeler
  3. Work with you work at any location or pc
  4. Git like a online pen drive. Which has many user it’s on git web site platform

1. Download git: <https://git-scm.com/downloads>

1. instal the file : Git-version Git-2.32.0 64-bit
2. SSH Key: PC and Git account need same sshkey
   1. It on: this PC->User->Pcname(like AshrafPC)->ssh (folder) ok
   2. Command : git clone by my projact same code

1. Make a SSH KEY:
   1. If you don’t have a ssh key
   2. After install git: start manu -> type git-> click git bash
   3. New window open like comand promot
   4. If `you have any ssh key genarated befor tham you must delete from user folder and git account
   5. Type: ssh-keygen –t rsa –c “ashraf4663@gmail.com” //you email address those have a git account
   6. Or type: $ ssh-keygen -t ed25519 -C "*your\_email@example.com*"
      1. After enter email address you take few moment please enter every steps with blank
      2. Finally you see a box in comanprom
   7. Then go to : this PC->User->Pcname(like AshrafPC)->ssh (folder)
      1. Open ssh Folder:
         1. Open : id\_ed25519 // it’s open with note pad and copy all off it
         2. Like : ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIArp6M9VSNrEzj+xBFkQyMQi/x3pmq0jz1DHeHIQaEtS [ashraf4663@gmail.com](mailto:ashraf4663@gmail.com)
2. Add ssh key to you git account:
   1. Open you profile setting click ssh and gpg keys
      1. Click : new ssh key
         1. Type any name
         2. Past to : ssh key box your ssh-ed file
         3. Ok sshke genarated //if want git password please type git id password
         4. we need to add our user and password for loging
            1. to check it $git config –list
            2. it’s show at last two line user name and email
3. add a file to git:
   1. go to git account: click profile then click repository
   2. make repository: click new
      1. make a name: anyName like: git //without any spaces
      2. default it public but privet need to credit card
      3. then click Create Repository // created repository
   3. go to folder of the file:
      1. open git bash here //by right click
      2. open git bash window :
         1. type: git init //initialized completed for proffer show hide file then you see .git folder
   4. **…or create a new repository on the command line**
      1. echo "# git" >> README.md
      2. git init //FOR initialize file of the folder
      3. git add README.md
      4. //one file add prepare to git
         1. Git add file.name
         2. Git add more file index.php index.html //separated by spaces
         3. git add . //add all file of the folder
      5. Git status //it’s give information of file of the folder red are not add to git and green are add for git
      6. git commit -m "first commit" //file description or comment
      7. if we haven’t loging on git bash it’s show a massage that:
         1. git commit -m "git basic class"
            1. Author identity unknown
            2. \*\*\* Please tell me who you are.
            3. Run
            4. git config --global user.email "you@example.com"
            5. git config --global user.name "Your Name"
            6. to set your account's default identity.
            7. Omit --global to set the identity only in this repository.
4. fatal: unable to auto-detect email address (got 'Ashraf@Ashraf-PC.(none)')
5. after that: in git bash type:
6. git config --global user.email "you@example.com" //your git account email address and enter and than again in git bash type
7. git config --global user.name "Your Name" //your git user name of git profile
   1. For test loging type: git config --list
8. Then type againt git –m commet “comment about file” //then enter or up array or this command back of file r

git branch -M main //if we have worket under a project manager

git remote add origin //project add by project manager

git@github.com:ashraf4663/git.git //copy link for which folder I can put the file that’s link it.

git push -u origin master //not main master //finally add to file

confirmation type: yes //ok uploaded notice completed after uploded

1. download from gir:
   1. go to download folder open git besh hear: type : git clone [git@github.com:ashraf4663/git.git](mailto:git@github.com:ashraf4663/git.git) //ok downloading start same as project //after work comment on git bash type: git status : which file modified you can see read file name
2. after modify upload/push to git:
   1. git add . or git add file.name //no problem it’s ready for uploded
   2. …or push an existing repository from the command line
   3. git remote add origin [git@github.com:ashraf4663/git.git](mailto:git@github.com:ashraf4663/git.git) //its’ for march file by project manager
   4. git branch -M main //it’s also by manager
   5. git push -u origin master/main //uploaded modified file not all file only modified file
3. colabrate or marze file kore multy programarer file same project a add korte hoy advance lavel ar kaz
4. download modifie file: type on git bash:
   1. git pull [git@github.com:ashraf4663/git.git](mailto:git@github.com:ashraf4663/git.git) //it’s downloaded only modifided data from project not all file of project or other’s edited workd only