Github Interview Questions

- 1. Git Git is a distailabled version control system used to track changes in sonace-cole during software development. It allows multiple developery to want on a project simultaneously, torack their charges and help in meaning the want efficiently.
- 2. What is version Cantrol System?
- -> A UCS is a slow that keep track of changes in a file | set of files over time so that you can secall any specific version later.
 - -> It allows ... 1 -- wade afficiently.
- -> Developer can compare the earlier veryion of the code with the old veryion
 - or Cithaps

0

5

1

3

3

0

0

3

The same

1

-

-

ale.

Ma

M

Ma

-

- in a file code.
- -> Crithub is a cloud-based hosting seawice for Crit-Repositationies. It pravite additional features such as collaboration tools, pull suggests
- 4. Repository
- -7 Repositary is a dissertary on stanage-space where your project nesides. It contains all the project file of the history of changes made to those
- 5. Types of Repository
- -7 3 types -7
 - 1. Local Repo. -> Exist on local machine, where you make changes.
 - 2. Remote Repo. A suppo. hosted on a server like Grithub, enabling collaborations.
- 6. What are the stages in Crit Work How?
- 7 1. Working Directory
 - 2. Staging AHEA
 - 3. Repositery.

Crit Commands

- 1. Git Configuration
 - (9) git config --global user.name "NR";
 - (b) git config -- global user. email "xyz@gmail.com";
- Initialize git
 - (a) git init initialized newlexisting dissections of a git suppo.
 - (b) git clone URL -> qued to create a local copy of the siemate siepo.
- 3. Git starter -> shows convert state of warding directory and staging acrea It displays: 1 Changer that are staged for next commits.
 - 2 Modifications that are not get staged.

6

0

6

G

6

6

5

9

PPPPPP

9

6

- 3 Untracked file.
- 4. Crit Add is worling lineday to storying Area ounstage files while relaining the Changes in wantering disactary (a) git add. > git geset filename
 - (b) git add -- all
 - (c) git add -A
- 5. Git commit - Careater a new snapshot of the local changer in local steps. (a) git commit -m "commit mag"; -
 - (b) git comnit -am "commit msg";
- 6. Git log view history of git commits.
- 7. git Ignare -It is a feature preoxited by the git ucs to make git ignance such files which were do not want to be tracked by git.
- 8. Git Branch ->
 - (9) In git, a branch is the new seperate veryion of the main suppository.
 - (b) It allows you to would on a different feature, independently from the main suspenite of priciect.

- (9) To create a new breanch Name;
- (b) To delete a branch d branch Home;
- (c) To switch to a branch

 it checkent branchHame;
- (d) To meage branch

 Y git meage branch Home;

g. Undo Commit

- O git neget -- soft sha-id;
- 2) git push -f;
 on
 git nevert sha-id;

11. Grit stash -> (a) git stash (b) git pull (c) git stash apply (d) git push

(e) To list all the branches