Designment Question And Answor What is git? System developed by linus trouvulds in 2005. and has been maintained by Jamior Hamano. fit is used for

hrancking code changes (updates)

Collaborations for (coding.

And trancking who and when changes are made on the file. What do you understand by the term 'Uersion Control System'? Hersion Contral System is the System
that trank the Changes made to
the or a set of the over time.
So that we can recall specific Version
later that is for every the source code.
Changes in a file a new version will be

is github? get server, It is a repository. the largest host of source code in is used to mountain and stone the 60 vice Code of 1 prox 5 9H init => to initialize Working Anco Stage Aspea Commit local github Add Repo Developer machine. au Mension some populare git hosting sorvices. hosting Sorvices core tool that allows to host projects that we git. Some populare git hosting services core github, gitlab

placed by using push command

Page No. (Date: 1 120 Doueloper con Callaborate and do the changes gH Surver ((entraliza) Repository Whate Gode update Working warking. Courling copy Workstation PC # 1 Workstation PC # 2 workstation PC # 3 1 Contralized version Sexuer will have a single Sexuer that contains all the version files No more ellents connect to cucs and check for files-3- for many years this uevelon contrid system has been Drawbacks. Single point of failure (SPF) that contralisac If the sources goes down for an hour the that how no body can collaborate Cleaning saw Ulrsioned Changes to

Distributed Unsion Contral System: -Lenner Remote Repository & 1 Repository Putt Push Pull Push > [Repository) (Repository) Repository Wanking Distributed Unsion Control System core gil, Mencunial Dunes, Bazawi Developers don't check out the latest Snapshot of the file nather they come fully mirrors the nepository including it's full history. If the main sources dies, then the local system will maintain a copy of the male grepository which has tall backup of data the gremote nepository is down, changes, local nepository and

(929 No. 1 120 Pushed to sumote supository from load supository What benefits comes with using git! Jallow: - benefit of using git are as 1. If allows us to keep groconcle of worson Repository one stored cet local as well as some some some system crash own project are safe. full control on the grapository. Coding Collaboration. What is a git nepository ? Lift Repository Collection on file of

Unious Cifferent Worston of a project

These files are imported from the

These files into local server of the

Union for further updation and mochy

in the content of the file.

Page No. init ini Date: / How can you initalize a nepository command a