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GIT

git init – Initializes the git repository in the current folder

git config user.name & git config user.email - Git user identity locally for the repository used for commit logs, so others see who made a commit

git remote add name <link> - This command connects your local Git repository to a remote repository.

git checkout -b GIT – this command will do two thing first it will create a branch named GIT locally and switch to that particular branch all the code will add here.

git add – this command stages or adds all the changes in the current directory for the commit

git commit – This command will save all the staged changes which is added via git add and saved locally and you add msg for the commit with –m.

git push – this command pushes your changes in local repository to remote -u will use to track the change between local & remote with repo name and the branch name

```
gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task
$ git init
Initialized empty Git repository in C:/Users/gautam.krishnasamy/Desktop/SQL_Task/.git/

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git config user.name gautam

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git cofig user.email gautamkk5121@gmail.com
git: 'cofig' is not a git command. See 'git --help'.

The most similar command is
        config

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git config user.email gautamkk5121@gmail.com

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git remote add origin https://github.com/gautamkrish5/Training_task.git

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git remote -v
origin  https://github.com/gautamkrish5/Training_task.git (fetch)
origin  https://github.com/gautamkrish5/Training_task.git (push)

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git branch
```

```
gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git branch

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (master)
$ git checkout -b Plsql
Switched to a new branch 'Plsql'

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
$ git pull origin main
fatal: couldn't find remote ref main

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
$ git pull origin plsql
fatal: couldn't find remote ref plsql

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
$ git pull tsk plsql
fatal: 'tsk' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
$ git checkout main
error: pathspec 'main' did not match any file(s) known to git

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
```

```
gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
$ git add .
warning: in the working copy of 'ProductUpdate.sql', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'Views.sql', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'procedures.sql', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'triggers.sql', LF will be replaced by CRLF the next time Git touches it

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
$ git add .

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (Plsql)
$ git commit -m "PLSQL Task"
[Plsql (root-commit) 5bf8d0f] PLSQL Task
 4 files changed, 209 insertions(+)
 create mode 100644 ProductUpdate.sql
 create mode 100644 Views.sql
 create mode 100644 procedures.sql
```

```
and the repository exists.

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (SDLC)
$ git push -u origin SDLC
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 50.53 KiB | 25.27 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'SDLC' on GitHub by visiting:
remote:        https://github.com/gautamkrish5/Training_task/pull/new/SDLC
remote:
To https://github.com/gautamkrish5/Training_task.git
 * [new branch]      SDLC -> SDLC
branch 'SDLC' set up to track 'origin/SDLC'.

gautam.krishnasamy@Asplap-1778 MINGW64 ~/Desktop/SQL_Task (SDLC)
$
```