

## ***GIT Task***

The following are the command used to push a file/folder/code into the GitHub repository using Git Bash:

**Git Init** – It is used to initialize the repository.

**Git Clone** – This command is used to clone a repository to our local machine.

**Git Status** – This displays the current state of your working directory.

```
sankar.ramasamy@asplap1604 MINGW64 ~/Desktop/Git-Repo(Im-T)/Impact-Trainee (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Git.txt

nothing added to commit but untracked files present (use "git add" to track)
```

**Git Add** - This command is used to stage the changes that are to be included in the next commit. We can either select a single file using this or we can use '.' after the command and it will act like a select all option.

```
sankar.ramasamy@asplap1604 MINGW64 ~/Desktop/Git-Repo(Im-T)/Impact-Trainee (main)
$ git add .
```

**Git Commit** – This is used to add commit message to the files so it will have the record of the staged changes.

```
sankar.ramasamy@asplap1604 MINGW64 ~/Desktop/Git-Repo(Im-T)/Impact-Trainee (main)
$ git commit -m 'git sample'
[main cd95c3b] git sample
Committer: Sankar Ramasamy <sankar.ramasamy@aspiresys.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Git.txt
```

**Git Push** – This command is used to push the local commits to the remote repository.

```
sankar.ramasamy@asplap1604 MINGW64 ~/Desktop/Git-Repo(Im-T)/Impact-Trainee (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 280 bytes | 280.00 KiB/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.
To https://github.com/SANKAR-RAM-0/Impact-Trainee.git
 3ebc4fd..cd95c3b  main -> main
```