```
PS C:\Users\nipun> git config --global user.name
Nipun Anoob
PS C:\Users\nipun> git config --global email
error: key does not contain a section: email
PS C:\Users\nipun> git config --global user.email
nipunanoob@gmail.com
```

```
PS C:\Users\nipun\test> git init
Initialized empty Git repository in C:/Users/nipun/test/.git/
PS C:\Users\nipun\test> touch empty
touch : The term 'touch' is not recognized as the name of a cmdlet, function, script file, or operable program. Check
the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ touch empty
+ ~~~~~
    + CategoryInfo          : ObjectNotFound: (touch:String) [], CommandNotFoundException
    + FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\nipun\test> notepad empty
PS C:\Users\nipun\test> git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\nipun\test> git add .
PS C:\Users\nipun\test> git commit -m "Initial project"
[master (root-commit) 5a3dd72] Initial project
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 empty.txt
PS C:\Users\nipun\test> git status
On branch master
nothing to commit, working tree clean
```

```
nipun@LAPTOP-1HNTD447:~$ git clone https://github.com/vedcoder/mylib2.git
Cloning into 'mylib2'...
remote: Enumerating objects: 288, done.
remote: Total 288 (delta 0), reused 0 (delta 0), pack-reused 288
Receiving objects: 100% (288/288), 383.55 KiB | 1.59 MiB/s, done.
Resolving deltas: 100% (171/171), done.
nipun@LAPTOP-1HNTD447:~$ git status
fatal: not a git repository (or any of the parent directories): .git
nipun@LAPTOP-1HNTD447:~$ ls
AbcImpex        banana.txt      git_test        lemon.txt       mylib2          new.txt         shscripts
Hashmum         cat             hello.txt       lime.txt        myrole          nipun_playbook  test2
Zing            employees.txt   hello2.txt      mix.txt         name.sh         parent          world
allcontent.txt  file.txt        hobsdir         mycommands.sh   new             people.txt
array.sh        folder1         homecontents.txt myfileswithvars.sh new.sh.save  practice
nipun@LAPTOP-1HNTD447:~$ cd mylib2
nipun@LAPTOP-1HNTD447:~/mylib2$ git statu
sgit: 'statu' is not a git command. See 'git --help'.

The most similar commands are
        status
        stage
        stash
nipun@LAPTOP-1HNTD447:~/mylib2$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
nipun@LAPTOP-1HNTD447:~/mylib2$ touch new.txt
nipun@LAPTOP-1HNTD447:~/mylib2$ git add new.txt
nipun@LAPTOP-1HNTD447:~/mylib2$ git commit -m "Add new file"
```

```
[master ba8becf] Add new file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 new.txt
```

```
nothing to commit, working tree clean
nipun@LAPTOP-1HNTD447:~/mylib2$ touch modified.txt
nipun@LAPTOP-1HNTD447:~/mylib2$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

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

nothing added to commit but untracked files present (use "git add" to track)
nipun@LAPTOP-1HNTD447:~/mylib2$ git add .
nipun@LAPTOP-1HNTD447:~/mylib2$ echo "changes" > modified.txt
nipun@LAPTOP-1HNTD447:~/mylib2$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   modified.txt

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   modified.txt

nipun@LAPTOP-1HNTD447:~/mylib2$
```

```
nipun@LAPTOP-1HNTD447: ~/mylib2

nipun@LAPTOP-1HNTD447:~/mylib2$ git status -s
AM modified.txt
nipun@LAPTOP-1HNTD447:~/mylib2$ git add .
nipun@LAPTOP-1HNTD447:~/mylib2$ git status -s
A  modified.txt
nipun@LAPTOP-1HNTD447:~/mylib2$ git commit -m "new"
[master 4ebdb0a] new
 1 file changed, 1 insertion(+)
 create mode 100644 modified.txt
nipun@LAPTOP-1HNTD447:~/mylib2$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
nipun@LAPTOP-1HNTD447:~/mylib2$ git remote
origin
nipun@LAPTOP-1HNTD447:~/mylib2$ git remote -v
origin  https://github.com/vedcoder/mylib2.git (fetch)
origin  https://github.com/vedcoder/mylib2.git (push)
nipun@LAPTOP-1HNTD447:~/mylib2$ git remote add https://github.com/mymaoy/mylib2
usage: git remote add [<options>] <name> <url>

    -f, --fetch           fetch the remote branches
    --tags                import all tags and associated objects when fetching
                          or do not fetch any tag at all (--no-tags)
    -t, --track <branch>  branch(es) to track
    -m, --master <branch>
                          master branch
    --mirror[=(push|fetch)]
```

```
nipun@LAPTOP-1HNTD447: ~/mylib2

                   set up remote as a mirror to push to or fetch from
nipun@LAPTOP-1HNTD447:~/mylib2$ git remote mymaoy add https://github.com/mymaoy/mylib2
error: Unknown subcommand: mymaoy
usage: git remote [-v | --verbose]
   or: git remote add [-t <branch>] [-m <master>] [-f] [--tags | --no-tags] [--mirror=<fetch|push>] <name> <url>
   or: git remote rename <old> <new>
   or: git remote remove <name>
   or: git remote set-head <name> (-a | --auto | -d | --delete | <branch>)
   or: git remote [-v | --verbose] show [-n] <name>
   or: git remote prune [-n | --dry-run] <name>
   or: git remote [-v | --verbose] update [-p | --prune] [(<group> | <remote>)...]
   or: git remote set-branches [--add] <name> <branch>...
   or: git remote get-url [--push] [--all] <name>
   or: git remote set-url [--push] <name> <newurl> [<oldurl>]
   or: git remote set-url --add <name> <newurl>
   or: git remote set-url --delete <name> <url>

    -v, --verbose         be verbose; must be placed before a subcommand

nipun@LAPTOP-1HNTD447:~/mylib2$ git remote add mymaoy https://github.com/mymaoy/mylib2
nipun@LAPTOP-1HNTD447:~/mylib2$ git remote -v
mymaoy  https://github.com/mymaoy/mylib2 (fetch)
mymaoy  https://github.com/mymaoy/mylib2 (push)
origin  https://github.com/vedcoder/mylib2.git (fetch)
origin  https://github.com/vedcoder/mylib2.git (push)
nipun@LAPTOP-1HNTD447:~/mylib2$ git remote
mymaoy
origin
nipun@LAPTOP-1HNTD447:~/mylib2$
```

```
mymaoy
origin
nipun@LAPTOP-1HNTD447:~/mylib2$ git fetch mymaoy
warning: no common commits
remote: Enumerating objects: 76, done.
remote: Counting objects: 100% (76/76), done.
remote: Compressing objects: 100% (56/56), done.
remote: Total 76 (delta 0), reused 73 (delta 0), pack-reused 0
Unpacking objects: 100% (76/76), 132.66 KiB | 722.00 KiB/s, done.
From https://github.com/mymaoy/mylib2
 * [new branch]      master     -> mymaoy/master
 * [new tag]         v1.0       -> v1.0
nipun@LAPTOP-1HNTD447:~/mylib2$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
nipun@LAPTOP-1HNTD447:~/mylib2$ git push origin master
Username for 'https://github.com': ginzuka
Password for 'https://ginzuka@github.com':
[1]+  Stopped                 git push origin master
nipun@LAPTOP-1HNTD447:~/mylib2$ git push origin master
Username for 'https://github.com': nipunanoob
Password for 'https://nipunanoob@github.com':
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
remote: Please see https://github.blog/2020-12-15-token-authentication-requirements-for-git-operations/ for more informa
tion.
fatal: Authentication failed for 'https://github.com/vedcoder/mylib2.git/'
nipun@LAPTOP-1HNTD447:~/mylib2$
```

```
nipun@LAPTOP-1HNTD447:~$ cd mylib2
nipun@LAPTOP-1HNTD447:~/mylib2$ ls
Procfile  README.md  db.sql  forms.py  model.py  modified.txt  new.txt  requirements.txt  routes.py  static  templates
nipun@LAPTOP-1HNTD447:~/mylib2$ git checkout new
error: pathspec 'new' did not match any file(s) known to git
nipun@LAPTOP-1HNTD447:~/mylib2$ git branch new
nipun@LAPTOP-1HNTD447:~/mylib2$ git switch new
Switched to branch 'new'
nipun@LAPTOP-1HNTD447:~/mylib2$ git merge master
Already up to date.
nipun@LAPTOP-1HNTD447:~/mylib2$
```

Pushing to my Github repository

```
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   Docker.docx
        modified:   Git.docx
        deleted:    ~$Docker.docx
        deleted:    ~WRL0003.tmp

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

no changes added to commit (use "git add" and/or "git commit -a")

nipun@LAPTOP-1HNTD447 MINGW64 ~/Documents/Devops/devops_training (master)
$ git add .

nipun@LAPTOP-1HNTD447 MINGW64 ~/Documents/Devops/devops_training (master)
$ git commit -m
error: switch `m' requires a value

nipun@LAPTOP-1HNTD447 MINGW64 ~/Documents/Devops/devops_training (master)
$ git commit -m "Add git pdf file"
[master 89d4110] Add git pdf file
 6 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Git.pdf
 delete mode 100644 ~$Docker.docx
 create mode 100644 ~$Git.docx
 delete mode 100644 ~WRL0003.tmp

nipun@LAPTOP-1HNTD447 MINGW64 ~/Documents/Devops/devops_training (master)
$ git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 2.24 MiB | 2.80 MiB/s, done.
Total 6 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/nipunanoob/devops_training.git
   f05c195..89d4110  master -> master
```