

TASK3

COMMIT-A

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git commit -a
[master a54e478] updated two flies
2 files changed, 3 insertions(+), 1 deletion(-)
create mode 100644 TASK3/sathvikap.txt
```

COMMIT

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git commit
[master (root-commit) 5f507a8] hey this is the sathvika created this file
1 file changed, 1 insertion(+)
create mode 100644 TASK3/sathvikareddy.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ |
```

GITADD

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents
$ cd github

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github
$ ls

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github
$ git clone https://github.com/sathvikareddy17/cognizance2020.git
Cloning into 'cognizance2020'...
warning: You appear to have cloned an empty repository.

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github
$ ls
cognizance2020/

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github
$ cd cognizance2020/

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020 (master)
$ mkdir TASK3

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020 (master)
$ cd TASK3/

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ ls

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ vi sathvikareddy.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git add .
warning: LF will be replaced by CRLF in TASK3/sathvikareddy.txt.
The file will have its original line endings in your working directory
```

CLONE

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents
$ cd github

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github
$ ls

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github
$ git clone https://github.com/sathvikareddy17/cognizance2020.git
Cloning into 'cognizance2020'...
warning: You appear to have cloned an empty repository.

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github
$ |
```

PUSH

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 322 bytes | 161.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sathvikareddy17/cognizance2020.git
 * [new branch]      master -> master

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ |
```

MERGE

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ ls
fruits.txt  sathvikap.txt  sathvikareddy.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git checkout -b branch1
Switched to a new branch 'branch1'

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ ls
fruits.txt  sathvikap.txt  sathvikareddy.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git checkout branch1
Switched to branch 'branch1'

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ vi sathvikap.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git add .
warning: LF will be replaced by CRLF in TASK3/sathvikap.txt.
The file will have its original line endings in your working directory

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git commit
[branch1 fef25a8] updated the file
1 file changed, 1 insertion(+), 1 deletion(-)

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git push
fatal: The current branch branch1 has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin branch1

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git push origin branch1
```


MERGE2

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ vi sathvikap.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git add .
warning: LF will be replaced by CRLF in TASK3/sathvikap.txt.
The file will have its original line endings in your working directory

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git commit
[branch1 fef25a8] updated the file
1 file changed, 1 insertion(+), 1 deletion(-)

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git push
fatal: The current branch branch1 has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin branch1

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git push origin branch1

Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 354 bytes | 177.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'branch1' on GitHub by visiting:
remote:   https://github.com/sathvikareddy17/cognizance2020/pull/new/branch1
remote:
To https://github.com/sathvikareddy17/cognizance2020.git
 * [new branch]      branch1 -> branch1

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git merge branch1
Updating 08a4b95..fef25a8
Fast-forward
 TASK3/sathvikap.txt | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

REBASE

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ vi sathvikap.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git add .

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git commit
[branch1 91b5dc5] completed.please dont give this much work.
1 file changed, 1 insertion(+), 1 deletion(-)

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git push origin branch1
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 380 bytes | 190.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/sathvikareddy17/cognizance2020.git
   fef25a8..91b5dc5  branch1 -> branch1

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sathvikareddy17/cognizance2020.git
   08a4b95..fef25a8  master -> master

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git rebase branch1
Successfully rebased and updated refs/heads/master.

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ |
```


RESET

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ vi sathvikap.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git add .
warning: LF will be replaced by CRLF in TASK3/sathvikap.txt.
The file will have its original line endings in your working directory

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git commit
[master f186dc1] okay fine.
1 file changed, 1 insertion(+)
create mode 100644 TASK3/sathvikap.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git log --oneline
f186dc1 (HEAD -> master) okay fine.
91b5dc5 (origin/branch1, branch1) completed.please dont give this much work.
fef25a8 (origin/master) updated the file
08a4b95 created a file
fae7799 hey add avocado
a54e478 updated two flies
5f507a8 hey this is the sathvika created this file

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git reset 91b5dc5

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git log --oneline
91b5dc5 (HEAD -> master, origin/branch1, branch1) completed.please dont give this much work.
fef25a8 (origin/master) updated the file
08a4b95 created a file
fae7799 hey add avocado
a54e478 updated two flies
5f507a8 hey this is the sathvika created this file
```

PULL

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git pull
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 7 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (7/7), 1.35 KiB | 3.00 KiB/s, done.
From https://github.com/sathvikareddy17/cognizance2020
   a54e478..08a4b95  master      -> origin/master
Updating a54e478..08a4b95
Fast-forward
 TASK3/fruits.txt | 3 +++
1 file changed, 3 insertions(+)
create mode 100644 TASK3/fruits.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ ls
fruits.txt  sathvikap.txt  sathvikareddy.txt
```

FETCH

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git fetch https://github.com/sathvikareddy17/cognizance2020.git
From https://github.com/sathvikareddy17/cognizance2020
 * branch                HEAD      -> FETCH_HEAD
```

CHECKOUT

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ ls
Fruits.txt  sathvikap.txt  sathvikareddy.txt

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git checkout -b branch1
Switched to a new branch 'branch1'

ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (branch1)
$ ls
Fruits.txt  sathvikap.txt  sathvikareddy.txt
```

FORK1

The screenshot shows the GitHub interface for the repository 'sathvikareddy17 / GithubIntro-1'. At the top, there are buttons for 'Watch' (0), 'Star' (0), and 'Fork' (267). Below the repository name, there are tabs for 'Code', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main content area shows the 'master' branch with 3 branches and 0 tags. A table of commits is displayed, with the most recent commit by 'TheCurryMan' titled 'Added blue bananas' on Jul 1, 2019. The commit details show a file named 'ShoppingList.txt' with the message 'Added blue bananas'. The right sidebar contains sections for 'About', 'Releases', and 'Packages'.

Commit	Author	Date	Commits
31a6cc2	TheCurryMan	on Jul 1, 2019	24 commits

File	Commit Message	Time Ago
.DS_Store	Modified my shoppinglist with an item	2 years ago
.gitignore	Added avocado and apples.txt	17 months ago
README.md	Initial commit	2 years ago
ShoppingList.txt	Added blue bananas	17 months ago
apples.txt	Update apples.txt	17 months ago

FORK2

```
ananu@DESKTOP-L6N2292 MINGW64 ~/Documents/github/cognizance2020/TASK3 (master)
$ git clone https://github.com/sathvikareddy17/GithubIntro-1.git
Cloning into 'GithubIntro-1'...
remote: Enumerating objects: 64, done.
remote: Total 64 (delta 0), reused 0 (delta 0), pack-reused 64
Receiving objects: 100% (64/64), 11.68 KiB | 118.00 KiB/s, done.
Resolving deltas: 100% (23/23), done.
```