

# **Preliminary Task-1**

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**Branch- CSE**

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## 1.git add

```
PS S:\Task1\Task-1> git add .
PS S:\Task1\Task-1> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
        new file:   index.html
```

## 2.git checkout

```
PS S:\Task1\LocalRepo> git branch
* feature1
  main
PS S:\Task1\LocalRepo> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS S:\Task1\LocalRepo> █
```

## 3.git checkout -b

```
PS S:\Task1\LocalRepo> git checkout -b feature1
Switched to a new branch 'feature1'
PS S:\Task1\LocalRepo> █
```

## 4.git clone

```
PS S:\Task1\Task-1> git clone https://github.com/Sanjay7231/Task-1.git
Cloning into 'Task-1'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 10 (delta 0), reused 7 (delta 0), pack-reused 0
Receiving objects: 100% (10/10), done.
PS S:\Task1\Task-1> █
```

## 5.git commit

```
PS S:\Task1\LocalRepo> git commit -m "Added new python file"
[master (root-commit) 36d3a7a] Added new python file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.py
PS S:\Task1\LocalRepo> █
```

## 6.git commit -a

```
PS S:\Task1\LocalRepo> git commit -m "Added new python file"
[master (root-commit) 36d3a7a] Added new python file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.py
PS S:\Task1\LocalRepo> █
```

## 7.git fetch

```
PS S:\Task1\LocalRepo> git pull origin main
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 622 bytes | 207.00 KiB/s, done.
From https://github.com/Sanjay7231/LocalRepo
* branch                main          -> FETCH_HEAD
  fed0087..7848d00      main          -> origin/main
Updating fed0087..7848d00
Fast-forward
 index.py | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
PS S:\Task1\LocalRepo> 
```

## 8.git merge


```
PS S:\Task1\LocalRepo> git merge main
Already up to date.
PS S:\Task1\LocalRepo> 
```

## 9.git pull


**Add new feature #1**



**Merged** Sanjay7231 merged 1 commit into `main` from `feature1` 1 minute ago



Conversation 0 Commits 1 Checks 0 Files changed 1


 **Sanjay7231** commented 1 minute ago Owner ...

No description provided.



  Add new feature dfbb6c4

  **Sanjay7231** merged commit `7848d00` into `main` 1 minute ago Revert

 **Pull request successfully merged and closed** Delete branch

You're all set—the `feature1` branch can be safely deleted.

```
PS S:\Task1\LocalRepo> git pull origin main
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 622 bytes | 207.00 KiB/s, done.
From https://github.com/Sanjay7231/LocalRepo
* branch                main          -> FETCH_HEAD
  fed0087..7848d00      main          -> origin/main
Updating fed0087..7848d00
Fast-forward
 index.py | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
PS S:\Task1\LocalRepo> 
```

## 10.git push

```
PS S:\Task1\Task-1> git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 308 bytes | 308.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sanjay7231/Task-1.git
    b2ff717..edc20c1  main -> main
PS S:\Task1\Task-1> █
```

## 11.git reset

```
PS S:\Task1\LocalRepo> git reset HEAD~1
Unstaged changes after reset:
M    index.py
PS S:\Task1\LocalRepo> git status
On branch feature1
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:   index.py

no changes added to commit (use "git add" and/or "git commit -a")
PS S:\Task1\LocalRepo> █
```

## 12.git rebase

```
PS S:\Task1\Task-1> git rebase main
Current branch Day is up to date.
PS S:\Task1\Task-1> █
```

## 13.git cd

```
PS S:\Task1>  
cd LocalRepo  
PS S:\Task1\LocalRepo> |
```

## 14.git mkdir

```
PS S:\Task1> mkdir LocalRepo  
  
Directory: S:\Task1  
  
Mode                LastWriteTime         Length Name  
----                -  
d-----          9/17/2023   8:31 PM             LocalRepo  
  
PS S:\Task1> |
```

## 15.git init

```
PS S:\Task1\LocalRepo> git init  
Initialized empty Git repository in S:/Task1/LocalRepo/.git/
```