

First Assignment

عادل عدنان

```
PS C:\Users\tp\adel> git config --global user.email "adel@example.com"
PS C:\Users\tp\adel> git config --global user.name "Adel"
PS C:\Users\tp\adel>
```

PS C:\Users\tp\adel> mkdir assignmnets

Directory: C:\Users\tp\adel

Mode	LastWriteTime	Length	Name
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d-----	2024-09-05 7:16 PM		assignmnets

PS C:\Users\tp\adel> |

```
PS C:\Users\tp\adel\assignmnets> git init
Initialized empty Git repository in C:/Users/tp/adel/assignmnets/.git/
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> git status
```

```
On branch master
```

```
No commits yet
```

```
nothing to commit (create/copy files and use "git add" to track)
```

```
PS C:\Users\tp\adel\assignmnets> |
```



Windows PowerShell



```
PS C:\Users\tp\adel\assignmnets> "" >> firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> git add .\firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> git commit -m "add a new file"
[master (root-commit) dd2ef0e] add a new file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> git log
commit dd2ef0e56e4be9c452c3ff481b5569b2f79ff694 (HEAD -> master)
Author: Adel <adel@example.com>
Date: Thu Sep 5 19:18:53 2024 +0300
```

```
    add a new file
```

```
PS C:\Users\tp\adel\assignmnets> |
```


You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may do so (now or later) by using `-c` with the switch command. Example:

```
git switch -c <new-branch-name>
```

Or undo this operation with:

```
git switch -
```

Turn off this advice by setting config variable `advice.detachedHead` to `false`

HEAD is now at dd2ef0e add a new file

PS C:\Users\tp\adel\assignmnets> |

```
PS C:\Users\tp\adel\assignmnets> git branch
* (HEAD detached at dd2ef0e)
  master
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> git branch testing_branch
PS C:\Users\tp\adel\assignmnets> git checkout testing_branch
Switched to branch 'testing_branch'
PS C:\Users\tp\adel\assignmnets> git branch
  master
* testing_branch
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> git merge testing_branch
Already up to date.
PS C:\Users\tp\adel\assignmnets> git ls-files
firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> git clean -dn
PS C:\Users\tp\adel\assignmnets> git clean -df
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> git restore firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> git restore .
PS C:\Users\tp\adel\assignmnets> |
```

```
PS C:\Users\tp\adel\assignmnets> rm .\firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> git add *
fatal: pathspec '*' did not match any files
PS C:\Users\tp\adel\assignmnets> git add .
PS C:\Users\tp\adel\assignmnets> git reset .
Unstaged changes after reset:
D      firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> git status
On branch testing_branch
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)
       deleted:    firstAssignment.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\tp\adel\assignmnets> git ls-files
firstAssignment.txt
PS C:\Users\tp\adel\assignmnets> |
```