

```

u0_a221@localhost ~
└─> cd SoftwareEngineer/lab1
u0_a221@localhost ~/SoftwareEngineer/lab1
└─> git init
Initialized empty Git repository in /data/data/com.termux/files/home/SoftwareEngineer/lab1/.git/
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
└─> echo "<h1>Welcome to Zaid Aburas repo</h1>">index.html
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git status
On branch main

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git add index.html
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   index.html

u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git commit -m "first"
[main (root-commit) 01257c5] first
1 file changed, 1 insertion(+)
create mode 100644 index.html
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
└─> nano index.html
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git status
On branch main
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.html

no changes added to commit (use "git add" and/or "git commit -a")
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git add index.html
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   index.html

u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
└─> git log
commit 01257c552c1c132474f27f499ff54daa36e075db (HEAD -> main)

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```
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
➤ git log
commit 01257c552c1c132474f27f499ff54daa36e075db (HEAD -> main)
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:35:31 2025 +0300
```

```
first
u0_a221@localhost ~/SoftwareEngineer/lab1 <main*>
➤ git commit -m "Second Edit"
[main 5a3b162] Second Edit
1 file changed, 1 insertion(+)
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
➤ git log
commit 5a3b162d300bdc913ffd7ce579aaa0b5cb77662f (HEAD -> main)
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:36:39 2025 +0300
```

```
Second Edit

commit 01257c552c1c132474f27f499ff54daa36e075db
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:35:31 2025 +0300
```

```
first
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
➤ git branch WebApp
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
➤ git checkout WebApp
Switched to branch 'WebApp'
u0_a221@localhost ~/SoftwareEngineer/lab1 <WebApp>
➤ echo "Web App edition">>index.html
u0_a221@localhost ~/SoftwareEngineer/lab1 <WebApp*>
➤ git add .
u0_a221@localhost ~/SoftwareEngineer/lab1 <WebApp*>
➤ get status
No command get found, did you mean:
Command et in package et
Command gbt in package gbt
Command geth in package geth
Command git in package git
Command pet in package pet
Command gem in package ruby
Command net in package samba
Command gst in package smalltalk
Command uget in package uget
Command wget in package wget
u0_a221@localhost ~/SoftwareEngineer/lab1 <WebApp*>
➤ git status 127 ↵
On branch WebApp
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html
```

```
u0_a221@localhost ~/SoftwareEngineer/lab1 <WebApp*>
➤ git commit -m "Edit the file from webapp"
[WebApp a893c88] Edit the file from webapp
1 file changed, 1 insertion(+)
u0_a221@localhost ~/SoftwareEngineer/lab1 <WebApp>
➤ git log
commit a893c8842951837918ec8a64e1bf278d2fd6ff89 (HEAD -> WebApp)
```

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↳ git log
commit a893c8842951837918ec8a64e1bf278d2fd6ff89 (HEAD -> WebApp)
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:38:19 2025 +0300

    Edit the file from webapp

commit 5a3b162d300bdc913ffd7ce579aaa0b5cb77662f (main)
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:36:39 2025 +0300

    Second Edit

commit 01257c552c1c132474f27f499ff54daa36e075db
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:35:31 2025 +0300

    first

u0_a221@localhost ~/SoftwareEngineer/lab1 <WebApp>
↳ git switch -
Switched to branch 'main'
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
↳ git log
commit 5a3b162d300bdc913ffd7ce579aaa0b5cb77662f (HEAD -> main)
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:36:39 2025 +0300

    Second Edit

commit 01257c552c1c132474f27f499ff54daa36e075db
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:35:31 2025 +0300

    first

u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
↳ git merge WebApp
Updating 5a3b162..a893c88
Fast-forward
 index.html | 1 +
 1 file changed, 1 insertion(+)
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
↳ git log
commit a893c8842951837918ec8a64e1bf278d2fd6ff89 (HEAD -> main, WebApp)
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:38:19 2025 +0300

    Edit the file from webapp

commit 5a3b162d300bdc913ffd7ce579aaa0b5cb77662f
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:36:39 2025 +0300

    Second Edit

commit 01257c552c1c132474f27f499ff54daa36e075db
Author: Zaid Aburas <zzeidaburass@gmail.com>
Date: Fri Jul 25 19:35:31 2025 +0300

    first

u0_a221@localhost ~/SoftwareEngineer/lab1 <main>
↳ git ls-files
index.html
u0_a221@localhost ~/SoftwareEngineer/lab1 <main>

```

ESC



HOME



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