

# ASSIGNMENT FOR DAY 1:

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1. **Command:** git status (an operation on an empty folder)

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git status
fatal: not a git repository (or any of the parent directories): .git
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

2. **Command:** git init

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /Users/larabaantonedei/Desktop/Workspace/Modern_Async_Prog/Lesson1/.git/
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

3. **Command:** git status (an operation after initialising git)

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

Structure

Bookmarks

Git TODO Problems Terminal Profiler Services

Enable Auto Reset Color Scheme?: Do you know that you can automatically reset the bundled themes' color schemes? That way

#### 4. **Command:** git add <filename>

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git add index.html
larabaantonedei@Larabas-MacBook-Air lesson1 % git status

On branch master

No commits yet

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

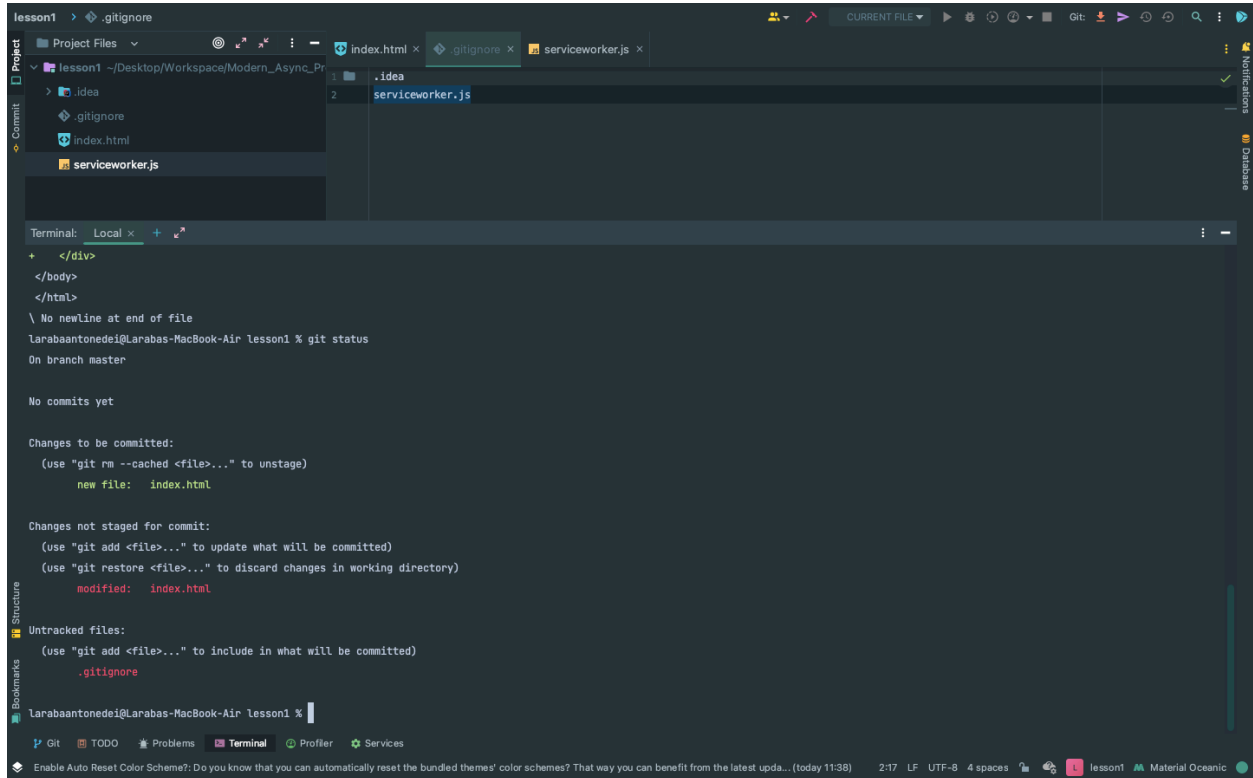
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .idea/

larabaantonedei@Larabas-MacBook-Air lesson1 %
```

#### 5. **Command:** git diff <filename>

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git diff index.html
diff --git a/index.html b/index.html
index 566549b..c75b3a0 100644
--- a/index.html
+++ b/index.html
@@ -5,6 +5,8 @@
     <title>Title</title>
   </head>
   <body>
-
+    <div class="main">
+      <h1>Hello World</h1>
+    </div>
   </body>
 </html>
\ No newline at end of file
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

## 6. File Creation: .gitignore



The screenshot shows the VS Code editor interface. The file explorer on the left shows the project structure with files `.idea`, `.gitignore`, `index.html`, and `serviceworker.js`. The editor window shows the `.gitignore` file with the following content:

```
1 .idea
2 serviceworker.js
```

The terminal at the bottom shows the output of the `git status` command:

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git status
On branch master

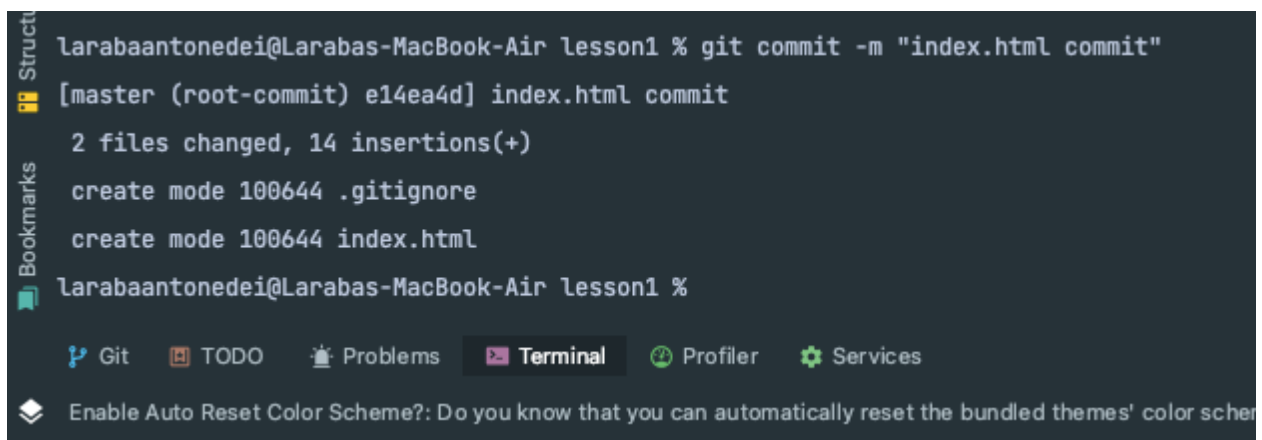
No commits yet

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

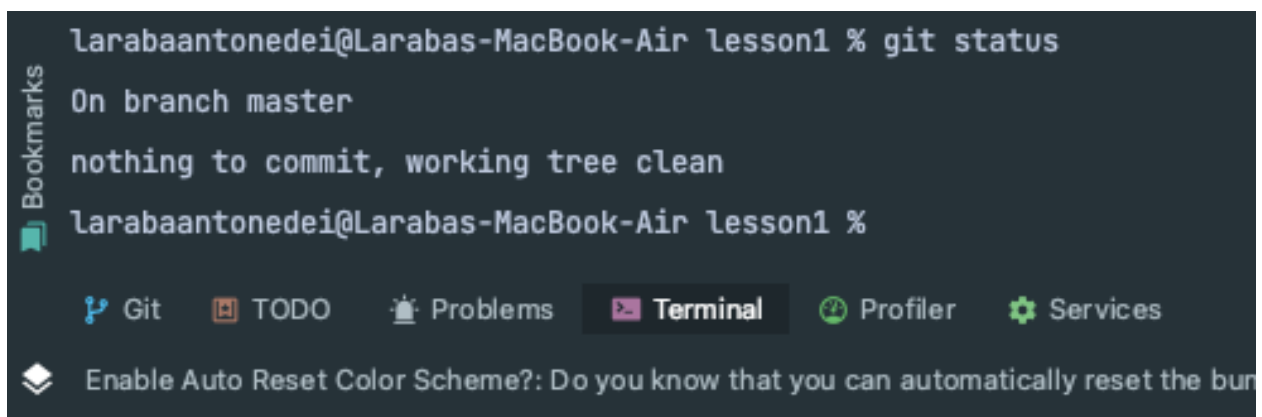
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

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

## 7. Command: git commit -m "message"



```
larabaantonedei@Larabas-MacBook-Air lesson1 % git commit -m "index.html commit"
[master (root-commit) e14ea4d] index.html commit
2 files changed, 14 insertions(+)
create mode 100644 .gitignore
create mode 100644 index.html
larabaantonedei@Larabas-MacBook-Air lesson1 %
```



```
larabaantonedei@Larabas-MacBook-Air lesson1 % git status
On branch master
nothing to commit, working tree clean
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

## 8. Command: git merge

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git merge demo1
Updating e2b790e..714a4e7
Fast-forward
 ts-demo/dist/demo.js      | 21 ++++++
 ts-demo/dist/helloworld.js |  2 +-
 ts-demo/src/demo.ts       | 30 ++++++
 3 files changed, 52 insertions(+), 1 deletion(-)
 create mode 100644 ts-demo/dist/demo.js
 create mode 100644 ts-demo/src/demo.ts
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

s Server

## 9. Command: git log after initiating a *git config alias.hist*

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git hist
* ada96ad 2022-11-02 | Merge branch 'demo1' (HEAD -> master) [Antonedei Wonimidei Otoro]
|
| * 2e0c9c3 2022-11-02 | modified demo.ts/demo.js (demo1) [Antonedei Wonimidei Otoro]
| * df4f3ff 2022-11-02 | modified demo.ts/demo.js [Antonedei Wonimidei Otoro]
|/
* 714a4e7 2022-11-02 | added lecture two code demo [Antonedei Wonimidei Otoro]
* e2b790e 2022-11-02 | changes to helloworld.ts [Antonedei Wonimidei Otoro]
* 9e47981 2022-11-02 | typescript demo [Antonedei Wonimidei Otoro]
* 79763a7 2022-10-31 | created my first repo commit [Antonedei Wonimidei Otoro]
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

## 10. Command: git commit —amend

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git commit --amend -m "created my first repo commit"
[master 79763a7] created my first repo commit
Date: Mon Oct 31 15:58:20 2022 -0500
2 files changed, 14 insertions(+)
 create mode 100644 .gitignore
 create mode 100644 index.html
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

## 11. Command: git reset —hard f1 after initiating a *git tag -a*

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git reset --hard f1
HEAD is now at e14ea4d index.html commit
larabaantonedei@Larabas-MacBook-Air lesson1 % git s
On branch master
nothing to commit, working tree clean
larabaantonedei@Larabas-MacBook-Air lesson1 % git hist
* e14ea4d 2022-10-31 | index.html commit (HEAD -> master, tag: f1) [Antonedei Wonimidei Otoro]
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

## 12. Command: git restore and git restore —staged

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git restore index.html
larabaantonedei@Larabas-MacBook-Air lesson1 % git s
On branch master
nothing to commit, working tree clean
larabaantonedei@Larabas-MacBook-Air lesson1 %
```

```
larabaantonedei@Larabas-MacBook-Air lesson1 % git restore --staged index.html
larabaantonedei@Larabas-MacBook-Air lesson1 % git s
On branch master
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")
larabaantonedei@Larabas-MacBook-Air lesson1 %
```