

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

مجموعة (B)

الاسم/ ضرار علي محمد عقلان

تكليف (١) مقرر: هندسة برمجيات

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Lab 1

Software  
Engineering  
IT4



Git config --global user.email "da2022130@gmail.com"

Git config --global user.name "Dherar Aqlan"

```
C:\Users\De11>e:
```

```
E:\>cd Software Engineering-Dherar Aqlan
```

```
E:\Software Engineering-Dherar Aqlan>git config --global user.email "da2022130@gmail.com"
```

```
E:\Software Engineering-Dherar Aqlan>git config --global user.name "Dherar Aqlan"
```

```
E:\Software Engineering-Dherar Aqlan>git config --global user.email  
da2022130@gmail.com
```

```
E:\Software Engineering-Dherar Aqlan>git config --global user.name  
Dherar Aqlan
```

```
E:\Software Engineering-Dherar Aqlan>■
```

git init

git status

```
E:\Software Engineering-Dherar Aqlan>git init
Initialized empty Git repository in E:/Software Engineering-Dherar Aqlan/.git/
```

```
E:\Software Engineering-Dherar Aqlan>git status
On branch master
```

```
No commits yet
```

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

```
E:\Software Engineering-Dherar Aqlan>
```

```
echo "name is dherar" > nmae.txt
```

```
git status
```

```
E:\Software Engineering-Dherar Aqlan\lab-1>echo "name is dherar" > nmae.txt
```

```
E:\Software Engineering-Dherar Aqlan\lab-1>git status
```

```
On branch master
```

```
No commits yet
```

```
Untracked files:
```

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

```
nmae.txt
```

```
nothing added to commit but untracked files present (use "git add" to track)
```

```
E:\Software Engineering-Dherar Aqlan\lab-1>_
```

```
echo "name is dherar">name.txt
```

```
git add name.txt
```

```
git commit -m "name"
```

```
E:\Software Engineering-Dherar Aqlan\lab-1> git add name.txt

E:\Software Engineering-Dherar Aqlan\lab-1>git commit -m "name"
[master (root-commit) cbf5974] name
 1 file changed, 1 insertion(+)
 create mode 100644 name.txt

E:\Software Engineering-Dherar Aqlan\lab-1>_
```

```
git log
```

```
git checkout "cbf5974e58994135828ee908a7e7ca26026ce3aa"
```

```
E:\Software Engineering-Dherar Aqlan\lab-1>git log
commit cbf5974e58994135828ee908a7e7ca26026ce3aa (HEAD, master)
Author: Dherar Aqlan <da2022130@gmail.com>
Date:   Sun Jul 20 23:47:10 2025 +0300

    name

E:\Software Engineering-Dherar Aqlan\lab-1>git checkout "cbf5974e58994135828ee908a7e7ca26026ce3aa"
HEAD is now at cbf5974 name

E:\Software Engineering-Dherar Aqlan\lab-1>
```

git branch

git branch main\_branch

```
E:\Software Engineering-Dherar Aqlan\lab-1>git branch
* (HEAD detached at cbf5974)
  master

E:\Software Engineering-Dherar Aqlan\lab-1>git branch main_branch

E:\Software Engineering-Dherar Aqlan\lab-1>
```

git checkout main\_branch

git switch main\_branch

```
E:\Software Engineering-Dherar Aqlan\lab-1>git checkout main_branch
Switched to branch 'main_branch'

E:\Software Engineering-Dherar Aqlan\lab-1>git switch main_branch
Already on 'main_branch'

E:\Software Engineering-Dherar Aqlan\lab-1>
```

**git switch -c main\_branch**

**git checkout -b main\_branch**

```
E:\Software Engineering-Dherar Aqlan\lab-1>git switch -c main_branch
fatal: a branch named 'main_branch' already exists

E:\Software Engineering-Dherar Aqlan\lab-1>git checkout -b main_branch
fatal: a branch named 'main_branch' already exists

E:\Software Engineering-Dherar Aqlan\lab-1>
```

**git merge main\_branch**

**git ls-files**

```
E:\Software Engineering-Dherar Aqlan\lab-1>git merge main_branch
Already up to date.

E:\Software Engineering-Dherar Aqlan\lab-1>git ls-files
name.txt

E:\Software Engineering-Dherar Aqlan\lab-1>_
```

**git clean -dn**

**git clean -df**

```
E:\Software Engineering-Dherar Aqlan\lab-1>git clean -dn
Would remove nmae.txt

E:\Software Engineering-Dherar Aqlan\lab-1>git clean -df
Removing nmae.txt

E:\Software Engineering-Dherar Aqlan\lab-1>
```

**echo "name is dherar Ali" > nmae2.txt**

**git add nmae2.txt**

**git commit -m "nmae2"**

```
E:\Software Engineering-Dherar Aqlan\lab-1>echo "name is dherar Ali" > nmae2.txt

E:\Software Engineering-Dherar Aqlan\lab-1>git add nmae2.txt

E:\Software Engineering-Dherar Aqlan\lab-1>git commit -m "nmae2"
[maine_branch b229227] nmae2
1 file changed, 1 insertion(+)
create mode 100644 nmae2.txt
```



**git restore nmae2.txt**

**git restore.**

```
E:\Software Engineering-Dherar Aqlan\lab-1>git restore nmae2.txt  
E:\Software Engineering-Dherar Aqlan\lab-1>git restore .  
E:\Software Engineering-Dherar Aqlan\lab-1>_
```

**git rm nmae2.txt**

```
E:\Software Engineering-Dherar Aqlan\lab-1>git rm nmae2.txt  
rm 'nmae2.txt'
```

**echo "name is dherar Ali" > name2.txt**

**git commit -m "name2"**

**git reset name2.txt**

**git status**

**git ls-files**

```
E:\Software Engineering-Dherar Aqlan\lab-1>git rm nmae2.txt
rm 'nmae2.txt'

E:\Software Engineering-Dherar Aqlan\lab-1>echo "name is dherar Ali" > name2.txt

E:\Software Engineering-Dherar Aqlan\lab-1>git commit -m "name2"
[maine_branch 7205eef] name2
1 file changed, 1 deletion(-)
delete mode 100644 nmae2.txt

E:\Software Engineering-Dherar Aqlan\lab-1>git reset name2.txt

E:\Software Engineering-Dherar Aqlan\lab-1>git status
On branch maine_branch
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    name2.txt

nothing added to commit but untracked files present (use "git add" to track)

E:\Software Engineering-Dherar Aqlan\lab-1>git ls-files
name.txt

E:\Software Engineering-Dherar Aqlan\lab-1>
```

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