

هندسة برمجيات

LAB0

تحت اشراف/

أ/ مالك المصنف

الطالب /

خباب عبده ناجي الشاهري

C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
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C:\Users\samam>d:

D:\>cd Khabab_Al_Shaheri

D:\Khabab_Al_Shaheri>git config --global user.email "alshahrykhabab@gmail.com"

D:\Khabab_Al_Shaheri>git config --global user.name "Khabab Al_Shaheri"

D:\Khabab_Al_Shaheri>git init

Initialized empty Git repository in D:/Khabab_Al_Shaheri/.git/

D:\Khabab_Al_Shaheri>git status

On branch master

No commits yet

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

D:\Khabab_Al_Shaheri>

C:\Windows\system32\cmd.exe

D:\Khabab_Al_Shaheri>cd labs

D:\Khabab_Al_Shaheri\labs>cd lab0

D:\Khabab_Al_Shaheri\labs\lab0>echo my name is Khabab>myfile.txt

D:\Khabab_Al_Shaheri\labs\lab0>cd ..

D:\Khabab_Al_Shaheri\labs>cd ..

D:\Khabab_Al_Shaheri>git add .

D:\Khabab_Al_Shaheri>git commit -m 'mycommit'

[master (root-commit) c41d556] 'mycommit'

2 files changed, 2 insertions(+)

create mode 100644 labs/lab0/file1.txt

create mode 100644 labs/lab0/myfile.txt

D:\Khabab_Al_Shaheri>git log

commit c41d5566565cc3ae98f42aef79da91c7152ae330 (HEAD -> master)

Author: Khabab Al_Shaheri <alshahrykhabab@gmail.com>

Date: Sun Sep 1 00:45:10 2024 +0300

'mycommit'

D:\Khabab_Al_Shaheri>

C:\Windows\system32\cmd.exe

```
commit c41d5566565cc3ae98f42aef79da91c7152ae330 <HEAD -> master>
Author: Khabab Al-Shaheri <alshahrykhabab@gmail.com>
Date: Sun Sep 1 00:45:10 2024 +0300

'mycommit'

D:\Khabab_Al-Shaheri>echo my name is Khabab>myfile3.txt
D:\Khabab_Al-Shaheri>git add .
D:\Khabab_Al-Shaheri>git commit -m 'mycommit2'
[master 4b80bb0] 'mycommit2'
1 file changed, 1 insertion(+)
create mode 100644 myfile3.txt
D:\Khabab_Al-Shaheri>git log
commit 4b80bb0e840d0c6ba594d85ca145f15accb30a84 <HEAD -> master>
Author: Khabab Al-Shaheri <alshahrykhabab@gmail.com>
Date: Sun Sep 1 00:49:00 2024 +0300

'mycommit2'

commit c41d5566565cc3ae98f42aef79da91c7152ae330
Author: Khabab Al-Shaheri <alshahrykhabab@gmail.com>
Date: Sun Sep 1 00:45:10 2024 +0300

'mycommit'

D:\Khabab_Al-Shaheri>git checkout '
```

MINGW32:/d/Khabab_Al-Shaheri

```
samam@Khabab-PC MINGW32 /d/Khabab_Al-Shaheri (master)
$ git log
commit 4b80bb0e840d0c6ba594d85ca145f15accb30a84 (HEAD -> master)
Author: Khabab Al-Shaheri <alshahrykhabab@gmail.com>
Date: Sun Sep 1 00:49:00 2024 +0300

'mycommit2'

commit c41d5566565cc3ae98f42aef79da91c7152ae330
Author: Khabab Al-Shaheri <alshahrykhabab@gmail.com>
Date: Sun Sep 1 00:45:10 2024 +0300

'mycommit'

samam@Khabab-PC MINGW32 /d/Khabab_Al-Shaheri (master)
$ ^C

samam@Khabab-PC MINGW32 /d/Khabab_Al-Shaheri (master)
$ git checkout 'c41d5566565cc3ae98f42aef79da91c7152ae330'
Note: switching to 'c41d5566565cc3ae98f42aef79da91c7152ae330'.

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.
```

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 c41d556 'mycommit'

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri ((c41d556...))
```

```
$ git branch
```

```
* (HEAD detached at c41d556)
```

```
master
```

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri ((c41d556...))
```

```
$ git branch 'mybranch'
```

```
$ git branch 'mybranch'
```

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri ((c41d556...))
```

```
$ git checkout 'master'
```

```
Previous HEAD position was c41d556 'mycommit'
```

```
Switched to branch 'master'
```

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri (master)
```

```
$ git switch 'mybranch'
```

```
Switched to branch 'mybranch'
```

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri (mybranch)
```

```
$ git switch -c 'mybranch2'
```

```
Switched to a new branch 'mybranch2'
```

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri (mybranch2)
```

```
$ git checkout -b 'mybranch3'
```

```
Switched to a new branch 'mybranch3'
```

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri (mybranch3)
```

```
$ git checkout 'mybranch2'
```

```
Switched to branch 'mybranch2'
```

```
samam@Khabab-PC MINGW32 /d/Khabab_Al_Shaheri (mybranch2)
```

```
$ git merge 'mybranch3'
```

```
Already up to date.
```

```
MINGW32:/d/Khabab_AI_Shaheri
samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git ls-files
labs/lab0/file1.txt
labs/lab0/myfile.txt

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git clean -dn
Would remove Assignments/
Would remove labs/lab1/
Would remove labs/lab10/
Would remove labs/lab2/
Would remove labs/lab3/
Would remove labs/lab4/
Would remove labs/lab5/
Would remove labs/lab6/
Would remove labs/lab7/
Would remove labs/lab8/
Would remove labs/lab9/

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git restore 'labs/lab0/file1.txt'
>
error: pathspec 'labs/lab0/file1.txt'
'did not match any file(s) known to git

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
```

```
MINGW32:/d/Khabab_AI_Shaheri
Would remove labs/lab7/
Would remove labs/lab8/
Would remove labs/lab9/

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git restore 'labs/lab0/file1.txt'
>
error: pathspec 'labs/lab0/file1.txt'
'did not match any file(s) known to git

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git restore 'labs\lab0\file1.txt'

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git restore .

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git rm 'labs\lab0\file1.txt'
rm 'labs/lab0/file1.txt'

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$ git commit 'mycommit'
error: pathspec 'mycommit' did not match any file(s) known to git

samam@Khabab-PC MINGW32 /d/Khabab_AI_Shaheri (mybranch2)
$
```