**GIT DERSLERI**

* **Git Yapilandirmasi**

$ git config --global user.name "Yakup Kaplan"

$ git config --global user.name

$ git config --global user.email [yakup.kaplan006@gmail.com](mailto:yakup.kaplan006@gmail.com)

$ git config --global user.email

* **Git Projesi Oluşturma**

pwd 🡪 terminal tam adresi

ls 🡪 dosya ve dizinleri listeler

cd ~/PycharmProjects/dsmlbc/projects/git\_project 🡪 dizin degistirme change directory

cd .. 🡪 bir önceki dizine ulasir

clear 🡪 terminal temizleme

git init 🡪 git projesi baslatir

ls -a 🡪 gizli klasörleri gösterir

* **Commit & Log**

$ git add . 🡪 su anki dizine ekle

$ git commit -m "ilk commit" 🡪 commit etmek

$ git log 🡪 versiyonlari listelemek

* **Status**

$ git status 🡪 Projede degisiklik oldugu zaman degisiklikleri gösterir

$ git add cikarma.py 🡪 Staging Area’ya gönderme

$ git status

$ git commit -m "cikarma metodu eklendi" ; Git reposuna gönderir

$ git status

$ git log

commit 6cedb95b739ec39e2f9e3f959ac9a04456875bfa (HEAD -> master)

Author: Yakup Kaplan <yakup.kaplan006@gmail.com>

Date: Thu Nov 19 11:57:40 2020 +0100

cikarma metodu eklendi

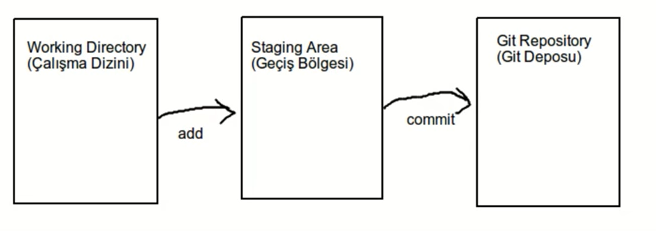
commit c030f124d04c30633a24cbea524aaa821ae96bb5

Author: Yakup Kaplan <yakup.kaplan006@gmail.com>

Date: Thu Nov 19 11:51:17 2020 +0100

ilk commit

* **Git Is Akisi**



* **Diff & Değişiklikler**

$ git status

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: main.py

no changes added to commit (use "git add" and/or "git commit -a")

$ git diff

**diff --git a/main.py b/main.py**

**index 32a2b3c..8f7a51a 100644**

**--- a/main.py**

**+++ b/main.py**

@@ -1,3 +1,6 @@

def topla (x, y):

return x + y

+def merhaba():

+ print('Hello')

+

$ git add .

$ git commit -m "ekleme yapildi"

$ git log

commit 8fd7c9d26d3e34336f27f0c97086bd09de83cae6 (HEAD -> master)

Author: Yakup Kaplan <yakup.kaplan006@gmail.com>

Date: Thu Nov 19 12:19:24 2020 +0100

ekleme yapildi

commit 6cedb95b739ec39e2f9e3f959ac9a04456875bfa

Author: Yakup Kaplan <yakup.kaplan006@gmail.com>

Date: Thu Nov 19 11:57:40 2020 +0100

cikarma metodu eklendi

commit c030f124d04c30633a24cbea524aaa821ae96bb5

Author: Yakup Kaplan <yakup.kaplan006@gmail.com>

Date: Thu Nov 19 11:51:17 2020 +0100

ilk commit

$ git diff –staged 🡪 Staging area ile git reppsu arasindaki farklari verir

* **Dosya Silme (rm)**

$ git status

$ git rm carpma.py

$ git add carpma.py

$ git status

$ git commit -m “carpma.py silindi”

$ git status

* Icinde dosya bulunan klasor slime

$ git rm -r silinecekler/

$ git status

$ git commit -m “klasör silindi”

* **Dosya İsimlendirme & Taşıma (mv)**

$ git mv deneme1.py deneme2.py

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

renamed: deneme1.py -> deneme2.py

$ git commit -m "deneme1.py -> deneme2.py"

[master 99cf143] ┬ûdeneme1.py -> deneme2.py

1 file changed, 0 insertions(+), 0 deletions(-)

rename deneme1.py => deneme2.py (100%)

$ git mv deneme2.py dosyalar/

$ git commit -m "deneme2.py -> dosyalar/deneme2.py"

* **Değişikliği Geri Alma (Çalışma Dizini)**

$ git checkout -- index.txt

VEYA

$ git restore index.txt

* **Değişikliği Geri Alma (Geçiş Bölgesi)**

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project/project (master)

$ git add index.txt

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project/project (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: index.txt

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project/project (master)

$ git restore --staged index.txt

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project/project (master)

$ git status

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.txt

no changes added to commit (use "git add" and/or "git commit -a")

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project/project (master)

$ git restore index.txt

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project/project (master)

$ git status

On branch master

nothing to commit, working tree clean

* **Versiyon Değiştirme**

$ git checkout b6dd881be0aafddd3758525727c80665de50915a -- .

$ git commit -m "v2 den kopyaladi"

**GITHUB DERSLERI**

* Git versiyon kontrol sistemi iken GitHub git yazilim ile entegre olmus depolama alanidir. Git projelerini uzak bir alanda saklayip yönetebilecegimiz bir yerdir. GitLab, BitBucket vb de var
* **Github‘a Proje Gönderme**

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git remote add githubRepo https://github.com/yakupkaplan/git-lessons.git

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git remote

githubRepo

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git push -u githubRepo master

Logon failed, use ctrl+c to cancel basic credential prompt.

Enumerating objects: 17, done.

Counting objects: 100% (17/17), done.

Delta compression using up to 8 threads

Compressing objects: 100% (14/14), done.

Writing objects: 100% (17/17), 65.32 KiB | 5.02 MiB/s, done.

Total 17 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/yakupkaplan/git-lessons.git

\* [new branch] master -> master

Branch 'master' set up to track remote branch 'master' from 'githubRepo'.

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git rm deneme2.py

rm 'deneme2.py'

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git commit -m "folder removed"

[master c544534] folder removed

1 file changed, 3 deletions(-)

delete mode 100644 deneme2.py

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git push -u githubRepo master

Logon failed, use ctrl+c to cancel basic credential prompt.

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Delta compression using up to 8 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (2/2), 230 bytes | 115.00 KiB/s, done.

Total 2 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/yakupkaplan/git-lessons.git

bf00f99..c544534 master -> master

Branch 'master' set up to track remote branch 'master' from 'githubRepo'.

* **.gitignore**

Istemedigimiz dosyalari belirtmek icin yapilir.

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ cat .gitignore

database.txt

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git status

On branch master

Your branch is up to date with 'githubRepo/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: GIT GITHUB DERSLERI.docx

Untracked files:

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

.gitignore

~$T GITHUB DERSLERI.docx

no changes added to commit (use "git add" and/or "git commit -a")

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git add .

warning: LF will be replaced by CRLF in .gitignore.

The file will have its original line endings in your working directory

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

$ git commit -m "gitignore eklendi"

[master b73ccd5] gitignore eklendi

3 files changed, 1 insertion(+)

create mode 100644 .gitignore

create mode 100644 ~$T GITHUB DERSLERI.docx

yakup@DESKTOP-DAG2K9B MINGW64 ~/PycharmProjects/dsmlbc/projects/git\_project (master)

* **Branches (Dallar)**

ada