



Objectives:

- To practice various Git commands.

Assumption:

- Git should be already installed and ready for you to complete today's task. If it isn't, please contact the university IT Service Desk.

Instructions:

- Complete all tasks.
- Write down the git commands you use for each task.
- When a task asks you to modify a file, just type a short phrase, e.g. "change 1", "change 2", etc. Insert and keep a newline at the end of each file (git diff doesn't like files without a newline at the end of the file).
- When you perform each commit, use "commit x" (1), or some other short phrase that will help remember what each particular commit was for.

Tasks

Part 1: Git commands

1.	Create a directory git_practice in a suitable directory. (Hint: you can use mkdir command
	to create this directory using the command prompt.)

Create 5 empty files in this directory: README.txt, TODO.txt, hidd	~~ + **+
Siedle 3 emply mes in this uneclory. README - CXC , 1000 - CXC , 11100	JII. LXL,

Check that you now have .git folder in git_practice dir.

2.		iles in this directory: README.txt, TO and removeme.txt	DDO.txt, hidden.txt,		
3.	Start tracking gi	t_practice.			
	git command:				
4.	Run git status. What is the status of the files in the git_practice directory?				
5.	Stage README.txt and TODO.txt files.				
	git commands:				
	What is the stat	us of the two files?			

Modify **README.txt** by adding a line of text, and save the file.

⁽¹⁾ where 'X' represents the consecutive number of each commit

а	. Use "short" status to check the current state of your git repo.
	git command:
b	o. Interpret the output:
	✓ It is a good idea to run git status often to check your files' status.
7.	Tell git to ignore hidden.txt file. Check this file is no longer listed.
	What actions do you need to do and what git commands do you need to run do to accomplis this?
0	
8.	Modify TODO.txt , stage and commit the changes. git command(s):
	git command(s).
9.	
э. а	
	(i.e. skip the git add command).
	git command:
b	. Run git status .
	What is the status of your repo?
10.	Modify TODO.txt again. Run git diff command. Interpret the output:
11.	
a.	stage removeme.txt file. Run git status.
	What is the status of removeme.txt?
b	Remove removeme.txt from git, but keep it the directory (i.e. do not delete it completely). Run git status.
	git command:

6.

		What is the status of removeme.txt now?			
12. View the history of the commits you made so far.					
		git command:			
		How many commits have you made so far?			
13.					
	a.	Create the tag "ex13a". Modify README.txt. Commit the changes.			
		git command(s):			
	b.	Display the data associated with the ex13a tag.			
		git command:			
14.					
	a.	Try the git logonelineall command.			
		What does this command do?			
	b.	Try the git logonelinedecorategraphall command.			
		What does this command do?			
		What is the difference between this command and the one in 13 (a)?			
		vinacio dio amoronio sottioci dile command dia dio che in 10 (d).			
	C.	Create alias pretty for the command in 13 (b). Check that it works as intended. (<i>Hint:</i>			
		it might be necessary to use single quotes for the command that is used for the alias)			
		git command:			