

Lab 1

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1. Create a Git Repository using the cheat-sheet commands

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git init
```

2. Edit student file to include name and student id

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> Set-Content student.txt 'Danial Asghar 100671850'
```

3. Commit changes

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git add student.txt
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git commit -m "Student file"
[master (root-commit) 3e0c9d4] Student file
1 file changed, 1 insertion(+)
create mode 100644 student.txt
```

4. Create IgnoreExample.txt

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> New-Item IgnoreExample.txt
```

Directory: C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	1/22/20 1:35 PM	0	IgnoreExample.txt

5. Edit content of IgnoreExample.txt

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> Set-Content IgnoreExample.txt 'Testing'
```

6. Use git status

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    IgnoreExample.txt
    Lab 1.pdf

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

7. Commit changes

```

PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git commit -m "IgnoreExample"
On branch master
Untracked files:
  IgnoreExample.txt
  Lab 1.docx
  Lab 1.pdf
  ~$Lab 1.docx

nothing added to commit but untracked files present

```

8. Add IgnoreExample.txt to .gitignore file

```

. .gitignore X
C: > Users > dasgh > Google Drive > University > 3 - 2 > Project Management > Labs > Lab 1 > .gitignore
1 IgnoreExample.txt
2 Lab 1.pdf

```

9. Edit content of IgnoreExample

```

. .gitignore IgnoreExample.txt X
C: > Users > dasgh > Google Drive > University > 3 - 2 > Project Management > Labs > Lab 1 > IgnoreExample.txt
1 Testing
2 Testing 2

```

10. Use git status

```

PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  .gitignore
  Lab 1.docx
  ~$Lab 1.docx

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

```

11. Create a new git branch using git branch, create BranchExample.txt, use git add for branchexample.txt, commit

```

PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git checkout NewBranch
Switched to branch 'NewBranch'
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> notepad BranchExample.txt
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git add .\BranchExample.txt
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git commit -m "NewBranch BranchExample"
[NewBranch fa033b4] NewBranch BranchExample
1 file changed, 1 insertion(+)
create mode 100644 BranchExample.txt

```


```

> BranchExample.txt - Notepad
> File Edit Format View Help
> Test 1

```

12. Switch to master and run notepad command

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git checkout master
Switched to branch 'master'
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> notepad .\BranchExample.txt
```

 BranchExample.txt - Notepad

File Edit Format View Help

|

13. RemoveExample.txt create, add, commit. Then remove and status

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> notepad RemoveExample.txt
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git add .\RemoveExample.txt
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git commit -m "Create RemoveExample"
[master cc402c0] Create RemoveExample
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 RemoveExample.txt
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git rm --cached .\RemoveExample.txt
rm 'RemoveExample.txt'
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    RemoveExample.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        Lab 1.docx
        RemoveExample.txt
        ~$Lab 1.docx
```

14. Clean command and status

```
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git clean -f RemoveExample.txt
Removing RemoveExample.txt
PS C:\Users\dasgh\Google Drive\University\3 - 2\Project Management\Labs\Lab 1> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    RemoveExample.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        Lab 1.docx
        ~$Lab 1.docx
```