



SOFTWARE PROJECT MANAGEMENT (SOFE 3490)

LAB 1

WINTER 2020

SUNIL TUMKUR

100620430

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs
$ mkdir Lab1

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs
$ cd Lab1/

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1
$ git init
Initialized empty Git repository in C:/Users/100620430/Documents/SPMLabs/Lab1/.git/
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ echo "Sunil Tumkur (100620430) - sunil.tumkur@ontariotechu.net" > Student

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ cat Student
Sunil Tumkur (100620430) - sunil.tumkur@ontariotechu.net
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git add Student
warning: LF will be replaced by CRLF in Student.
The file will have its original line endings in your working directory

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git commit -m "Initial Commit - Student file created with my name and student number"
[master (root-commit) 2f9490e] Initial Commit - Student file created with my name and student number
1 file changed, 1 insertion(+)
create mode 100644 Student
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ touch IgnoreExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git add IgnoreExample.txt
```

```

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status IgnoreExample.txt
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   IgnoreExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ echo "This is some random text" > IgnoreExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status IgnoreExample.txt
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   IgnoreExample.txt

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:   IgnoreExample.txt

```

```

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git commit -m "Committing IgnoreFile.txt creation and update"
[master 6477110] Committing IgnoreFile.txt creation and update
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 IgnoreExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git add .
warning: LF will be replaced by CRLF in IgnoreExample.txt.
The file will have its original line endings in your working directory

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git commit -m "Committing IgnoreFile.txt creation and update"
[master f4b4321] Committing IgnoreFile.txt creation and update
1 file changed, 1 insertion(+)

```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git rm --cached IgnoreExample.txt
rm 'IgnoreExample.txt'

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ nano .gitignore

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git add .
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore
    deleted:    IgnoreExample.txt
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ echo "Now we are changing the content of the file" > IgnoreExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore
    deleted:    IgnoreExample.txt
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git branch example

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git checkout example
Switched to branch 'example'
A       .gitignore
D       IgnoreExample.txt
```



```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (example)
$ touch BranchExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (example)
$ notepad BranchExample.txt
```

BranchExample.txt - Notepad

File Edit Format View Help

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (example)
$ git remote -v

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (example)
$ git add BranchExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (example)
$ git commit -m "Created a new branch and added a text file to it with some changes"
[example 315b99b] Created a new branch and added a text file to it with some changes
3 files changed, 1 insertion(+), 1 deletion(-)
create mode 100644 .gitignore
create mode 100644 BranchExample.txt
delete mode 100644 IgnoreExample.txt
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (example)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ notepad IgnoreExample.txt
```

IgnoreExample.txt - Notepad

File Edit Format View Help

This is some random text

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ touch RemoveExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git add .

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ rm RemoveExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   RemoveExample.txt

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    RemoveExample.txt
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git commit -m "removed the file RemoveExample.txt"
[master eb7335e] removed the file RemoveExample.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 RemoveExample.txt

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git push https://github.com/sunilt4/Lab1 master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 330 bytes | 165.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sunilt4/Lab1
f4b4321..eb7335e  master -> master
```

```
100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git clean -n

100620430@UOSL19-HYKXZW2 MINGW64 ~/Documents/SPMLabs/Lab1 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
```