● Create a Git repository using the cheat-sheet commands ● Keep a word document named "Screenshots" open to put screen shots in ● Edit "Student" file to include your own Student Name & Student ID ● Commit changes ● Create IgnoreExample.txt ● Edit content of IgnoreExample.txt

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ cd C:\\Users\\100593277\\Desktop\\Lab1

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ pwd
/c/Users/100593277/Desktop/Lab1

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add .
error: 'lab1/' does not have a commit checked out
fatal: adding files failed

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git init
Reinitialized existing Git repository in C:/Users/100593277/Desktop/Lab1/.git/

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ echo "Name: Kaamran Minhas, Student ID: 100593277" > Student.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ vim Student.txt
```

```
Name: Kaamran Minhas, Student ID: 100593277
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add Student.txt
warning: LF will be replaced by CRLF in Student.txt.
The file will have its original line endings in your working directory

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git commit -m "Edited"
[master 829bd63] Edited
 Committer: Kaamran Minhas <100593277@oncampus.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 1 insertion(+)
 create mode 100644 Student.txt
```

● Commit changes ● Create IgnoreExample.txt ● Edit content of IgnoreExample.txt ● Use git status and screenshot the outcome

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git commit -m "Edited"
[master 829bd63] Edited
 Committer: Kaamran Minhas <100593277@oncampus.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 1 insertion(+)
 create mode 100644 Student.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ echo "" > IgnoreExample.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ vim IgnoreExample.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ cat IgnoreExample.txt
Pickles
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git status
On branch master
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:    Student.docx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        IgnoreExample.txt
        Screenshots.docx
        lab1/
        ~$reenshots.docx

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

● Commit changes ● Add IgnoreExample.txt to .gitignore file ● Edit content of IgnoreExample.txt ● Use git status and screenshot the outcome

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add IgnoreExample.txt
warning: LF will be replaced by CRLF in IgnoreExample.txt.
The file will have its original line endings in your working directory

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git commit -m "Edited too"
[master e8cee82] Edited too
 Committer: Kaamran Minhas <100593277@oncampus.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 1 insertion(+)
 create mode 100644 IgnoreExample.txt
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ echo 'IgnoreExample.txt'>>.gitignore

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git status
On branch master
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:    Student.docx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        Screenshots.docx
        lab1/
        ~$reenshots.docx

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

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ vim IgnoreExample.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git status
On branch master
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)
        modified:   IgnoreExample.txt
        deleted:    Student.docx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        Screenshots.docx
        lab1/
        ~$reenshots.docx

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

● Create a new branch using git branch ● Switch to new branch

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git branch branch

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git checkout branch
Switched to branch 'branch'
M       IgnoreExample.txt
D       Student.docx

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (branch)
$
```

● Edit BranchExample.txt (create this if not present) via notepad command notepad BranchExample.txt
● Use git add for update branch example, commit and use notepad command again ● Screenshot content

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (branch)
$ echo "notepad" > BranchExample.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (branch)
$ vim BranchExample.txt
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (branch)
$ git add .
warning: LF will be replaced by CRLF in IgnoreExample.txt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in BranchExample.txt.
The file will have its original line endings in your working directory
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (branch)
$ git checkout master
Switched to branch 'master'
M       IgnoreExample.txt
D       Student.docx
```

● Switch back to master branch ● Use same notepad command ● Screenshot the outcome ● Remove RemoveExample.txt (create one first if not present) ● Commit ● Use git status and screenshot outcome 5 ● Use clean command to remove file completely ● Use git status and screenshot outcome ● Use git add to add your word document with the screenshots to the repository, it should look something like this: git add Screenshots.docx ● Commit

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/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
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in BranchExample.txt.
The file will have its original line endings in your working directory

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ echo "">RemoveExample.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ ls
'~$reenshots.docx'    IgnoreExample.txt    Screenshots.docx
 BranchExample.txt    RemoveExample.txt    Student.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ rm RemoveExample
rm: cannot remove 'RemoveExample': No such file or directory

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ rm RemoveExample.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ ls
'~$reenshots.docx'    BranchExample.txt    IgnoreExample.txt    Screenshots.docx    Student.txt
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   .gitignore
        new file:   BranchExample.txt
        modified:   IgnoreExample.txt
        new file:   Screenshots.docx
        deleted:    Student.docx
        new file:   ~$reenshots.docx


100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add .

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git commit -m "Ex"
[master 619dcb5] Ex
 Committer: Kaamran Minhas <100593277@oncampus.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 6 files changed, 4 insertions(+)
 create mode 100644 .gitignore
 create mode 100644 BranchExample.txt
 create mode 100644 Screenshots.docx
 delete mode 100644 Student.docx
 create mode 100644 ~$reenshots.docx

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ get clean-n
bash: get: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git clean -n

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ get status
bash: get: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add Screenshots.docx
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git commit -m "Screenshots"
[master 723d284] Screenshots
 Committer: Kaamran Minhas <100593277@oncampus.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 Screenshots.docx
```

```
100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git status
On branch master
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:    ~$reenshots.docx

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

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add Screenshots.docx
fatal: pathspec 'Screenshots.docx' did not match any files

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add Screenshots.docx
fatal: pathspec 'Screenshots.docx' did not match any files

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git add Screenshots.docx

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ ls
'~$reenshots.docx'    BranchExample.txt    IgnoreExample.txt    Screenshots.docx    Student.txt

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git remote

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git push -u origin master
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git clone https://github.com/SPM-OT/lab-1-100593277.git
Cloning into 'lab-1-100593277'...
warning: You appear to have cloned an empty repository.

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git remote add origin
usage: git remote add [<options>] <name> <url>

    -f, --fetch           fetch the remote branches
    --tags                import all tags and associated objects when fetching
                          or do not fetch any tag at all (--no-tags)
    -t, --track <branch>  branch(es) to track
    -m, --master <branch>
                          master branch
    --mirror[=(push|fetch)]
                          set up remote as a mirror to push to or fetch from
```

● Go to: http://tiny.cc/3490lab1 ● Select your student ID ● You will be navigated to your repository, copy the link and use it in git remote add origin yourlink.com ● Use git push command to push the repository you were working on to your remote repository. Your repository must include: 1. Student text file with your Student Name and Student ID 2. A word document with screenshots taken in the practical

steps

```
usage: git remote add [<options>] <name> <url>

    -f, --fetch                 fetch the remote branches
    --tags                      import all tags and associated objects when fetching
                                or do not fetch any tag at all (--no-tags)
    -t, --track <branch>        branch(es) to track
    -m, --master <branch>
                                master branch
    --mirror[=(push|fetch)]
                                set up remote as a mirror to push to or fetch from


100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git remote add origin yourlink.com
fatal: remote origin already exists.

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ ● Use git push command to push the repository you were working on to
bash: ●: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ your remote repository.
bash: your: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ Your repository must include:
bash: Your: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ 1. Student text file with your Student Name and Student ID
bash: 1.: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ 2. A word document with screenshots taken in the practical steps
bash: 2.: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git remote add origin^C

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ $ git clone https://github.com/SPM-OT/lab-1-100593277.git
bash: $: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ Cloning into 'lab-1-100593277'...
bash: Cloning: command not found

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git remote add origin https://github.com/SPM-OT/lab-1-100593277.git
fatal: remote origin already exists.

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$ git push -u origin master
Everything up-to-date
Branch 'master' set up to track remote branch 'master' from 'origin'.

100593277@UOSL19-H66XZW2 MINGW64 ~/Desktop/Lab1 (master)
$
```