GIT

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Git Commands for the assessment

Below is the sequence of Git commands to follow:

```
Step 1: Create a folder called learn_git
mkdir learn_git

Step 2: Change directory into the learn_git folder
cd learn_git

Step 3: Create a file called third.txt
touch third.txt

Step 4: Initialize an empty git repository
git init

Step 5: Add third.txt to the staging area
git add third.txt

Step 6: Commit with the message "adding third.txt"
git commit -m "adding third.txt"

Step 7: Check out your commit with git log
git log

Step 8: Create another file called fourth.txt
touch fourth.txt

Step 9: Add fourth.txt to the staging area
git add fourth.txt

Step 10: Commit with the message "adding fourth.txt"
git commit -m "adding fourth.txt"

Step 11: Remove the third.txt file
```

```
rm third.txt
```

Step 12: Add this change to the staging area (removal of third.txt)
```
git add .
```

Step 13: Commit with the message "removing third.txt"
```
git commit -m "removing third.txt"
```

Step 14: Check out your commits using git log
```
git log
```

Step 15: Change your global settings to core.pager=cat
```
git config --global core.pager "cat"
```

Step 16: List all global configurations for git
```
git config --global --list
```

Here is a screenshot of the work i have completed in the terminal:

```
idrissbado@IDRISSBADO:~$  mkdir learn_git
idrissbado@IDRISSBADO:~$  cd  learn_git
idrissbado@IDRISSBADO:~/learn_git$  touch third.txt
idrissbado@IDRISSBADO:~/learn_git$  git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/idrissbado/learn_git/.git/
idrissbado@IDRISSBADO:~/learn_git$ git add third.txt
idrissbado@IDRISSBADO:~/learn_git$  git commit -m "adding third.txt"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: empty ident name (for <idrissbado@IDRISSBADO.>) not allowed
```

Figure 1: Screenshot of the terminal commands executed.

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```
idrissbado@IDRISSBADO:~/learn_git$  git config --global user.email idrissbadoolivier@gmail.com
idrissbado@IDRISSBADO:~/learn_git$  git config -- global user.name idrissbado
error: key does not contain a section: global
idrissbado@IDRISSBADO:~/learn_git$ git config --global user.name idrissbado
idrissbado@IDRISSBADO:~/learn_git$ git commit -m "adding third.txt"
[master (root-commit) f83115e] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.txt
idrissbado@IDRISSBADO:~/learn_git$ git log
commit f83115eee0af7d91c7f36d6774a4abc46ef20ce5 (HEAD -> master)
Author: idrissbado <idrissbadoolivier@gmail.com>
Date:   Wed Jan 8 00:40:17 2025 +0100

    adding third.txt
idrissbado@IDRISSBADO:~/learn_git$ touch fourth.txt
idrissbado@IDRISSBADO:~/learn_git$  git add fourth.txt
idrissbado@IDRISSBADO:~/learn_git$ git commit -m "adding fourth.txt"
[master 3533640] adding fourth.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.txt
idrissbado@IDRISSBADO:~/learn_git$ rm third.txt
idrissbado@IDRISSBADO:~/learn_git$  git add .
idrissbado@IDRISSBADO:~/learn_git$ git commit -m "adding removing third.txt"
[master 49802be] adding removing third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 third.txt
idrissbado@IDRISSBADO:~/learn_git$ git log
commit 49802beb7d8647e8e3c6da33f01096071384268f (HEAD -> master)
Author: idrissbado <idrissbadoolivier@gmail.com>
Date:   Wed Jan 8 00:43:04 2025 +0100
```

Figure 2: Screenshot of the terminal commands executed.

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Figure 3: Screenshot of the terminal commands executed.