GIT Branching Assignment 2

Objective: Commit HTML, CSS & JavaScript assignments into GIT.

SECTION-1 (HTML assignments) - Steps to follow:

1. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files.
2. Create an empty directory ‘Assignments’ & cd to ‘Assignments’.

Ans:

C:\Users\shasheth>mkdir Assignments

C:\Users\shasheth>cd Assignments

1. Create a file README.txt inside ‘Assignments’ & write few lines about the contents of ‘Assignments’ folder.

Ans:

Manually

1. Commit README.txt file.

Ans:

$ git add README.txt

$ git commit -m "Added readme file"

[master (root-commit) f5a45fb] Added readme file

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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 README.txt

1. Now create a new branch ‘html-assignments’.

Ans:

$ git branch html\_assignments

1. Switch to ‘html-assignments’ branch.

Ans

$ git checkout html\_assignments

Switched to branch 'html\_assignments'

1. Copy all HTML assignments inside ‘Assignments’ folder.

Ans:

Manually

1. Commit HTML assignments into ‘html-assignments’ branch.

Ans:

$ git add Html\_Workspace

$ git commit -m "added html\_workspace"

[html\_assignments 3efa003] added html\_workspace

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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on your username and hostname. Please check that they are accurate.

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git config --global user.name "Your Name"

git config --global user.email you@example.com

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 160000 Html\_Workspace

1. Make minor changes into few files belonging to ‘html-assignments’ branch.
2. Commit those changed files.

Ans:

$ cd Html\_Workspace/BankApp/

$ git commit -m "Added body"

[master ef49cba] Added body

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1 file changed, 7 insertions(+)

1. Switch to master branch.

Ans:

$ git checkout master

1. Make minor changes into README.txt file & commit those changes into master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git add README.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git commit -m "changed readme"

[master c80d4ae] changed readme

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1 file changed, 2 insertions(+), 1 deletion(-)

1. Again switch to ‘html-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git checkout html\_assignments

Switched to branch 'html\_assignments'

M Html\_Workspace

1. Make minor changes into few files belonging to ‘html-assignments’ branch.

Ans:

Manually

1. Commit those changes.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments/Html\_Workspace (html\_assignments)

$ git add hello.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments/Html\_Workspace (html\_assignments)

$ git commit -m "changes in hello"

[html\_assignments 5c217d0] changes in hello

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

2 files changed, 1 insertion(+), 1 deletion(-)

delete mode 160000 Html\_Workspace

create mode 100644 Html\_Workspace/hello.txt

1. Switch to master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments/Html\_Workspace (html\_assignments)

$ git checkout master

Switched to branch 'master'

1. Merge ‘html-assignments’ branch into master. Confirm all html assignments are shown in master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments/Html\_Workspace (master)

$ git merge html\_assignments

Merge made by the 'recursive' strategy.

Html\_Workspace/hello.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 Html\_Workspace/hello.txt

1. Finally delete the ‘html-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments/Html\_Workspace (master)

$ git branch -d html\_assignments

Deleted branch html\_assignments (was 5c217d0).

SECTION-2 - (CSS assignments) Steps to follow:

1. Create a new branch ‘css-assignments’.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git branch css-assignments

1. Switch to ‘css-assignments’ branch.

Ans: :

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git checkout css-assignments

Switched to branch 'css-assignments'

1. Copy all CSS assignments inside ‘Assignments’ folder.

Ans:

Manually

1. Commit CSS assignments into ‘css-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git add joe.css

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git commit -m "added css file"

[css-assignments c3e4fda] added css file

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1 file changed, 106 insertions(+)

create mode 100644 joe.css

1. Make minor changes into README.txt file on line 1 belonging to ‘css-assignments’ branch.

Ans:

Manually

1. Commit those changed files.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git add README.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git commit -m "added hi"

[css-assignments 6aafb49] added hi

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1 file changed, 1 deletion(-)

1. Switch to master branch.

Ans :

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git checkout master

Switched to branch 'master'

1. Make minor changes into README.txt file on line 3 & commit those changes into master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git add README.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git commit -m "added hello"

[master 54c82e5] added hello

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1. Again switch to ‘css-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git checkout css-assignments

Switched to branch 'css-assignments'

1. Make minor changes into few files belonging to ‘css-assignments’ branch.

Ans:

Manually

1. Commit those changes.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git add README.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git commit -m "changed"

[css-assignments 5c89f06] changed

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

file changed, 4 insertions(+), 1 deletion(-)

1. Switch to master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (css-assignments)

$ git checkout master

Switched to branch 'master'

1. Merge ‘css-assignments’ branch into master. Confirm all css assignments are shown in master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git merge css-assignments

1. Finally delete the ‘css-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git branch -d css-assignments

Deleted branch css-assignments (was 5c89f06).

SECTION-3 - (JavaScript assignments) Steps to follow:

1. Create a new branch ‘js-assignments’.

Ans;

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git branch js-assignments

1. Switch to ‘js-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

1. Copy all JavaScript assignments inside ‘Assignments’ folder.

Ans:

Manually

1. Commit JavaScript assignments into ‘js-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

$ git add text.html

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

$ git commit -m "added code"

[js-assignments c880801] added code

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1 file changed, 9 insertions(+)

create mode 100644 text.html

1. Make minor changes into README.txt file on line 1 belonging to ‘js-assignments’ branch.

Ans:

Manually

1. Commit those changed files.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

$ git add README.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

$ git commit -m "changes done"

[js-assignments 546c48d] changes done

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1 file changed, 3 insertions(+)

1. Switch to master branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

1. Make minor changes into README.txt file on line 1 & commit those changes into master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git add README.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git commit -m "Added hello"

[master c360e01] Added hello

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

1 file changed, 4 insertions(+)

1. Again switch to ‘js-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

1. Make minor changes into few files belonging to ‘js-assignments’ branch.

Ans:

Manually

1. Commit those changes.

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

$ git add New\ Text\ Document.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

$ git commit -m "added file"

[js-assignments 433059a] added file

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

file changed, 5 insertions(+)

create mode 100644 New Text Document.txt

1. Switch to master.

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (js-assignments)

1. $ git checkout master
2. Switched to branch 'master'
3. Merge ‘js-assignments’ branch into master. Confirm all JavaScript assignments are shown in master.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git merge js-assignments

Auto-merging README.txt

CONFLICT (content): Merge conflict in README.txt

Automatic merge failed; fix conflicts and then commit the result.

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master|MERGING)

$ git add README.txt

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master|MERGING)

$ git commit -m "Removed Conflict"

[master 0e50073] Removed Conflict

Committer: Sheth <shachi-sudesh.sheth@capgemini.com>

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:

git config --global user.name "Your Name"

git config --global user.email you@example.com

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

git commit --amend --reset-author

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git merge js-assignments

Already up-to-date.

1. Finally delete the ‘js-assignments’ branch.

Ans:

shasheth@IN-MUM-LDJC026 MINGW64 ~/Assignments (master)

$ git branch -d js-assignments

Deleted branch js-assignments (was 433059a).