

## Section -0

```
MINGW64:/c/project_dir/cg-project
meghr@inlen8520018531 MINGW64 /c/project_dir (master)
$ git pull
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Already up to date.

meghr@inlen8520018531 MINGW64 /c/project_dir (master)
$ git status
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

meghr@inlen8520018531 MINGW64 /c/project_dir (master)
$ git branch
* master

meghr@inlen8520018531 MINGW64 /c/project_dir (master)
$ git merge
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Already up to date.

meghr@inlen8520018531 MINGW64 /c/project_dir (master)
$ git push
Everything up-to-date

meghr@inlen8520018531 MINGW64 /c/project_dir (master)
$ git clone https://github.com/gr-meghana/cg-project.git
Cloning into 'cg-project'...
remote: Enumerating objects: 36, done.
remote: Counting objects: 100% (36/36), done.
remote: Compressing objects: 100% (23/23), done.
remote: Total 36 (delta 3), reused 32 (delta 2), pack-reused 0
Receiving objects: 100% (36/36), done.
Resolving deltas: 100% (3/3), done.
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

meghr@inlen8520018531 MINGW64 /c/project_dir (master)
$ cd cg-project

meghr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git add .
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

meghr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git status
```

```
MINGW64/c/project_dir/cg-project
$ git status
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file: .gitignore
    new file: index.html

mehgan@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git commit -m "html file"
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main 7db4c68] html file
Committer: G R <mehgana.g-r@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, 5 insertions(+)
create mode 100644 .gitignore
create mode 100644 index.html

mehgan@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 376 bytes | 376.00 KiB/s, done.
Total 4 (delta 0), reused 2 (delta 0), pack-reused 0
To https://github.com/gr-mehgana/cg-project.git
  ef3148a..7db4c68 main -> main

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:   index.html

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

mehgan@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git add index.html
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

mehgan@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git commit -m "updated html file"
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main 49d8db8] updated html file
Committer: G R <mehgana.g-r@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(-)

mehgan@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git add index.html
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

mehgan@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git commit -m "change made in line 3"
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main e34778e] change made in line 3
Committer: G R <mehgana.g-r@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.
```

```
MINGW64:/c/project_dir/cg-project
meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git log --oneline
e34778e (HEAD -> main) change made in line 3
49d8db8 updated html file
7db4c68 (origin/main, origin/HEAD) html file
ef31a8a Initial commit

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ ^C

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git revert e34778e
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main ca61243] Revert "change made in line 3"
Committer: G R <mehana.g-r@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(+), 1 deletion(-)

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git add index.html
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git commit -m "added line 4."
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main ba74c8e] added line 4
Committer: G R <mehana.g-r@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(+)

MINGW64:/c/project_dir/cg-project
1 file changed, 1 insertion(+)

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git add index.html
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git commit -m "changes made in line 4"
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main 94bafb8] changes made in line 4
Committer: G R <mehana.g-r@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(+), 1 deletion(-)

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git log --oneline
94bafb8 (HEAD -> main) changes made in line 4
ba74c8e added line 4
ca61243 Revert "change made in line 3"
e34778e change made in line 3
49d8db8 updated html file
7db4c68 (origin/main, origin/HEAD) html file
ef31a8a Initial commit

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ ^C

meghrgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git revert 94bafb8
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main f39124e] Revert "changes made in line 4"
Committer: G R <mehana.g-r@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
```

```
MINGW64:/c/project_dir/cg-project
After doing this, you may fix the identity used for this commit with:
  git commit --amend --reset-author
  1 file changed, 1 insertion(+), 1 deletion(-)

meghgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git log --oneline
ba74c8e (HEAD -> main) changes made in line 4
ba74c8e added line 4
ca61243 Revert "change made in line 3"
e34778e change made in line 3
49d8db8 updated html file
7db4c68 (origin/main, origin/HEAD) html file
ef3148a Initial commit

meghgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ ^C

meghgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git revert 94b514f
hint: use 'git config advice.useCoreFSMonitor=true' instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main f39124e] Revert "changes made in line 4"
  Committer: G R <meghana.g-r@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(+), 1 deletion(-)

meghgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$ git push
Enumerating objects: 16, done.
Counting objects: 100% (16/16), done.
Delta compression using up to 12 threads
Compressing objects: 100% (13/13), done.
Writing objects: 100% (14/14), 1.37 KiB | 351.00 KiB/s, done.
Total 14 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (6/6), completed with 1 local object.
To https://github.com/gr-meghana/cg-project.git
  7db4c68..f39124e main -> main

meghgr@inlen8520018531 MINGW64 /c/project_dir/cg-project (main)
$
```

## Git Branching

```
MINGW64/c/assignments
mehghr@inlen8520018531 MINGW64 /c/assignments
$ git init
Initialized empty git repository in C:/assignments/.git/
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git add README.txt
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git commit -m "Commit README"
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[master (root-commit) 7121a3c] commit README
Committer: G R <mehhana.g-r@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

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch html-assignments
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git switch html-assignments
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'html-assignments'

mehghr@inlen8520018531 MINGW64 /c/assignments (html-assignments)
$ git add simple.html
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
mehghr@inlen8520018531 MINGW64 /c/assignments (html-assignments)
$ git commit -m "Commit html file"
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
read

MINGW64/c/assignments
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[html-assignments fbbfdd5] commit html file
Committer: G R <mehhana.g-r@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, 10 insertions(+)
create mode 100644 simple.html

mehghr@inlen8520018531 MINGW64 /c/assignments (html-assignments)
$ git add simple.html
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
mehghr@inlen8520018531 MINGW64 /c/assignments (html-assignments)
$ git commit -m "Commit updated html file"
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[html-assignments 76647df] commit updated html file
Committer: G R <mehhana.g-r@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(+), 1 deletion(-)

mehghr@inlen8520018531 MINGW64 /c/assignments (html-assignments)
$ git switch master
hint: core.useBuiltinFSMonitor=true is deprecated; please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'master'
```

```

MINGW64/c/assignments
1 file changed, 1 insertion(+), 1 deletion(-)
mehghr@inlen8520018531 MINGW64 /c/assignments (html-assignments)
$ git switch master
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'master'

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git merge html-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
Merge made by the 'ort' strategy.
 simple.html | 10 ++++++++-
 1 file changed, 10 insertions(+)
 create mode 100644 simple.html

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ ls
README.txt simple.html

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch --delete html-assignments
Deleted branch html-assignments (was 835d859).

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch css-assignments
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git switch css-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'css-assignments'

mehghr@inlen8520018531 MINGW64 /c/assignments (css-assignments)
$ git add style.css
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[mehghr@inlen8520018531:~/c/assignments] meghana.g-r@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(+), 1 deletion(-)

mehghr@inlen8520018531 MINGW64 /c/assignments (css-assignments)
$ git switch master
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'master'

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git add README.txt
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git commit -m "commit updated-2 README file"
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
[mechganah.g-r@capgemini.com:~/c/assignments] meghana.g-r@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

```

```
MINGW64/c/assignments
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git switch css-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'css-assignments'

mehghr@inlen8520018531 MINGW64 /c/assignments (css-assignments)
$ git add style.css
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"

mehghr@inlen8520018531 MINGW64 /c/assignments (css-assignments)
$ git commit -m "Commit updated css file"
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[css-assignments 7/c63a0] Commit updated css file
Committer: G R <mehghana.g-r@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(+)

mehghr@inlen8520018531 MINGW64 /c/assignments (css-assignments)
$ git switch master
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'master'

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git merge css-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

mehghr@inlen8520018531 MINGW64 /c/assignments (master|MERGING)
$ ^C

MINGW64/c/assignments
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

mehghr@inlen8520018531 MINGW64 /c/assignments (master|MERGING)
$ ^C

mehghr@inlen8520018531 MINGW64 /c/assignments (master|MERGING)
$ git checkout css-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
error: you need to resolve your current index first
README.txt: needs merge

mehghr@inlen8520018531 MINGW64 /c/assignments (master|MERGING)
$ git merge --quit

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git checkout css-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
error: you need to resolve your current index first
README.txt: needs merge

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git checkout master
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
error: you need to resolve your current index first
README.txt: needs merge

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git status
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   style.css

Unmerged paths:
  (use "git restore --staged <file>..." to unstage)
  (use "git add <file>..." to mark resolution)
    both modified: README.txt

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git add README.txt
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
```

```
MINGW64/c/assignments
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ ls
README.txt  simple.html style.css
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ ^C
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch -D css-assignments
Deleted branch css-assignments (was 77c63a0).

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch js-assignments
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git switch js-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'js-assignments'
M   README.txt
D   README.txt.orig

mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git branch -D js-assignments
error: Cannot delete branch 'js-assignments' checked out at 'C:/assignments'
mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git branch --delete js-assignments
error: Cannot delete branch 'js-assignments' checked out at 'C:/assignments'
mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ ^C
mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git checkout master
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'master'
M   README.txt
D   README.txt.orig

mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ ls
README.txt  simple.html style.css
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch --delete js-assignments
Deleted branch js-assignments (was 4eae8d1).
```

```
MINGW64/c/assignments
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch js-assignments
mehghr@inlen8520018531 MINGW64 /c/assignments (master)
$ git switch js-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'js-assignments'
M   README.txt
D   README.txt.orig

mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git add index.js
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git commit -m "Commit js file"
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[js-assignments 49037d9] commit js file
  Committer: G R <mehghana.g-r@capemini.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, 12 insertions(+)
create mode 100644 index.js

mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git add README.txt
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
mehghr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git commit -m "Commit updated -7 README.txt"
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[js-assignments 572cf7d2] commit updated -7 README.txt
```

```
MINGW64/c/assignments
After doing this, you may fix the identity used for this commit with:
  git commit --amend --reset-author
  1 file changed, 4 insertions(+), 23 deletions(-)
  rewrite README.txt (90%)
meghgr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git switch master
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'master'
D       README.txt.orig
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git add README.txt
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git commit -m "Commit updated-8 README.txt"
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[master d28a103] commit updated-8 README.txt
  Committer: G R <meghana.g-r@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(+), 13 deletions(-)
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git switch js-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'js-assignments'
D       README.txt.orig
meghgr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git add index.js
MINGW64/c/assignments
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git switch js-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'js-assignments'
meghgr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git add README.txt
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
meghgr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git commit -m "commit done"
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[js-assignments a09da5a3] commit done
  Committer: G R <meghana.g-r@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(-)
meghgr@inlen8520018531 MINGW64 /c/assignments (js-assignments)
$ git switch master
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Switched to branch 'master'
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git merge js-assignments
hint: core.useBuiltinFSMonitor=true is deprecated;please set core.fsmonitor=true instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
Merge made by the 'ort' strategy.
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ ls
README.txt index.js simple.html style.css
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git branch --delete js-assignments
* master
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git remote rm origin
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git remote add origin https://github.com/gr-meghana/assignments.git
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ git push -u origin master
Enumerating objects: 62, done.
Counting objects: 100% (62/62), done.
Delta compression using up to 12 threads
Compressing objects: 100% (51/54), done.
Writing objects: 100% (62/62), 6.30 KiB | 379.00 KiB/s, done.
Total 62 (delta 13), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (13/13), done.
To https://github.com/gr-meghana/assignments.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
meghgr@inlen8520018531 MINGW64 /c/assignments (master)
$ |
```

## Git Remoting

### Section-3

```
MINGW64:/c/Users/MEGHGR/eclipse-workspace/simple-git-project/freshersbatch-oct16
tch-oct16 (main) MINGW64 ~/eclipse-workspace/simple-git-project (master)
$ git clone https://github.com/gr-meghana/freshersbatch-oct16.git
Cloning into 'Freshersbatch-oct16'.
remote: Enumerating objects: 21, done.
remote: Counting objects: 100% (21/21), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 21 (delta 0), reused 16 (delta 0), pack-reused 0
Receiving objects: 100% (21/21), done.

meghgr@inlen8520018531 MINGW64 ~/eclipse-workspace/simple-git-project (master)
$ cd freshersbatch-oct16

meghgr@inlen8520018531 MINGW64 ~/eclipse-workspace/simple-git-project/freshersbatch-oct16 (main)
$ git add .
hint: core.useBuiltInFSMonitor=true is deprecated; please set core.fsmonitor=true
instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
meghgr@inlen8520018531 MINGW64 ~/eclipse-workspace/simple-git-project/freshersbatch-oct16 (main)
$ git commit -m "initial commit"
hint: core.useBuiltInFSMonitor=true is deprecated; please set core.fsmonitor=true
instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main a4a16b2] initial commit
Committer: G R meghana.g-r@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

8 files changed, 99 insertions(+)
create mode 100644 .classpath
create mode 100644 .project
create mode 100644 .settings/org.eclipse.jdt.core.prefs
create mode 100644 .settings/org.eclipse.m2e.core.prefs
create mode 100644 pom.xml
create mode 100644 target/classes/META-INF/MANIFEST.MF
create mode 100644 target/classes/META-INF/maven/cg-project/simple-git-project/
pom.properties
create mode 100644 target/classes/META-INF/maven/cg-project/simple-git-project/
pom.xml

meghgr@inlen8520018531 MINGW64 ~/eclipse-workspace/simple-git-project/freshersbatch-oct16 (main)

MINGW64:/c/Users/MEGHGR/eclipse-workspace/simple-git-project/freshersbatch-oct16
tch-oct16 (main)
$ git add .
hint: core.useBuiltInFSMonitor=true is deprecated; please set core.fsmonitor=true
instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
meghgr@inlen8520018531 MINGW64 ~/eclipse-workspace/simple-git-project/freshersbatch-oct16 (main)
$ git commit -m "initial commit"
hint: core.useBuiltInFSMonitor=true is deprecated; please set core.fsmonitor=true
instead
hint: Disable this message with "git config advice.useCoreFSMonitorConfig false"
[main a4a16b2] initial commit
Committer: G R meghana.g-r@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

8 files changed, 99 insertions(+)
create mode 100644 .classpath
create mode 100644 .project
create mode 100644 .settings/org.eclipse.jdt.core.prefs
create mode 100644 .settings/org.eclipse.m2e.core.prefs
create mode 100644 pom.xml
create mode 100644 target/classes/META-INF/MANIFEST.MF
create mode 100644 target/classes/META-INF/maven/cg-project/simple-git-project/
pom.properties
create mode 100644 target/classes/META-INF/maven/cg-project/simple-git-project/
pom.xml

meghgr@inlen8520018531 MINGW64 ~/eclipse-workspace/simple-git-project/freshersbatch-oct16 (main)
$ git push
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 12 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (16/16), 2.08 KiB | 2.08 MiB/s, done.
Total 16 (delta 0), reused 15 (delta 0), pack-reused 0
To https://github.com/gr-meghana/freshersbatch-oct16.git
  d9cd626..a4a16b2 main -> main

meghgr@inlen8520018531 MINGW64 ~/eclipse-workspace/simple-git-project/freshersbatch-oct16 (main)
$ |
```

### Section-4

eclipse-workspace - Assignmnet/src/com/me/LambdaStream/Mainclass.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Git Repositories Mainclass.java

New Go Into Open in New Window Open Type Hierarchy F4 Show In Alt+Shift+W Show in Local Terminal > Copy Ctrl+C Copy Qualified Name Ctrl+Shift+C Paste Ctrl+V Delete Delete > Remove from Context Ctrl+Alt+Shift+Down Build Path ; Source Alt+Shift+S Refactor Alt+Shift+T Import... Export... Refresh F5 Close Project Close Unrelated Projects Assign Working Sets... Coverage As Run As Debug As Profile As Restore from Local History... Team Compare With Configure Validate Properties Alt+Enter

```
print("enter branch name");
ch=scan.nextLine();

Long>candidates=StudentImplementation.CountOfBranchStudent(branch,list);
println("count of students in a branch");
println(candidates);
println("-");

student> filtered=StudentImplementation.ListOfStudent(list);
println("students who got less than 98 percent");
println(filtered);
println("-");

>student=StudentImplementation.Studentnames(list);
println("students who got above 88 percent");
.println(student);
```

Staging Git Reflog Properties Filter files

Commit Message

Author: Meghana G R <grmeghana24@gmail.com>  
Committer: Meghana G R <grmeghana24@gmail.com>

Push HEAD... Commit

eclipse-workspace - Assignmnet/src/com/me/LambdaStream/Mainclass.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Git Repositories Mainclass.java

Share Project

Configure Git Repository

Select an existing repository or create a new one

Use or create repository in parent folder of project

Repository: eclipsegit - C:\Users\MEGHGR\git\eclipsegit\.git Create...

Working tree: C:\Users\MEGHGR\git\eclipsegit

Browse...

Path within repository:

History Synchronize

eclipsegit [master]

Unstaged Changes (0)

Staged Changes (0)

Finish Cancel

Author: Meghana G R <grmeghana24@gmail.com>  
Committer: Meghana G R <grmeghana24@gmail.com>

Push HEAD... Commit

Package Explorer ArrayAssignment Assignmnet [eclipsegit master] JRE System Library [jre] src com.me.LambdaStream HackerrankClass.java Mainclass.java

eclipse-workspace - Assignmnet/src/com/me/LambdaStream/Mainclass.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Git Repositories > Mainclass.java >

New Go Into Open in New Window Open Type Hierarchy F4 Show In Alt+Shift+W Show in Local Terminal Copy Ctrl+C Copy Qualified Name Ctrl+Shift+C Paste Ctrl+V Delete Delete Remove from Context Ctrl+Alt+Shift+Down Build Path Source Alt+Shift+S Refactor Alt+Shift+T Import... Export... Refresh F5 Close Project Close Unrelated Projects Assign Working Sets... Coverage As Run As Debug As Profile As Restore from Local History... Team Compare With Replace With Configure Validate Properties Alt+Enter

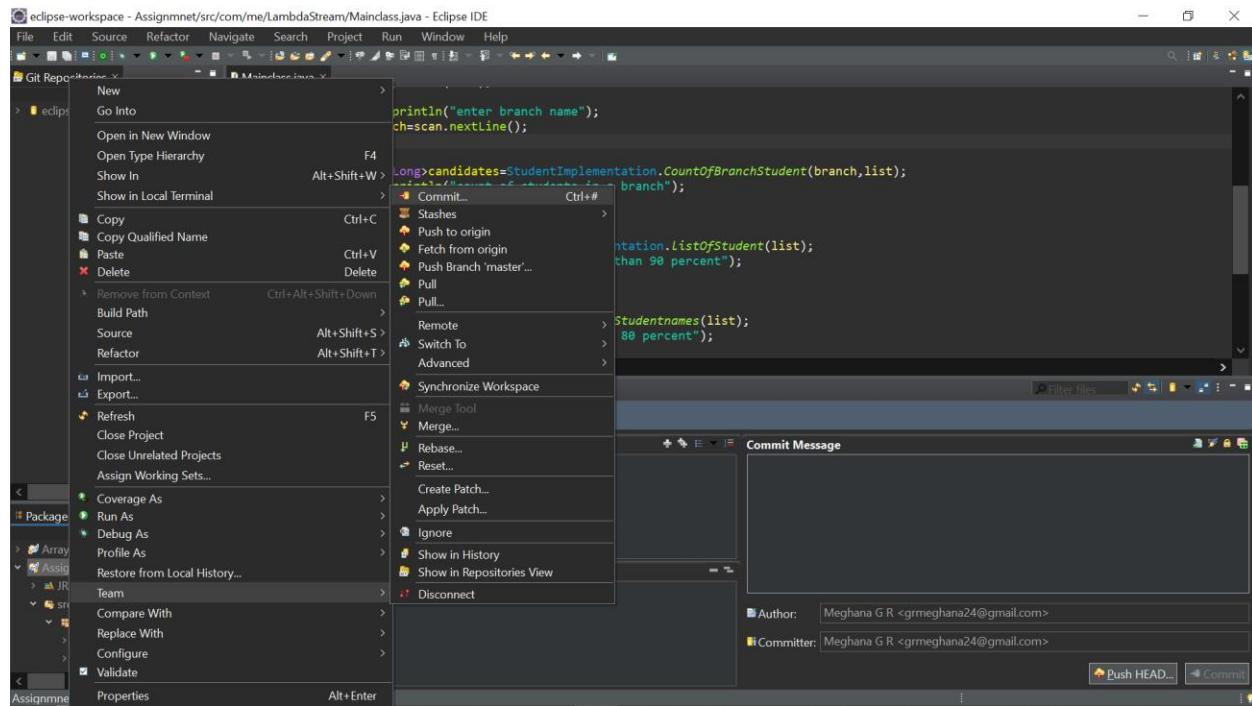
long>candidates=StudentImplementation.CountOfBranchStudent(branch,list);  
ntation.ListOfStudent(list);  
than 98 percent");  
Studentnames(list);  
88 percent");

Commit... Ctrl+Shift+C Stashes Push to origin Fetch from origin Push Branch 'master'... Pull Pull... Remote Switch To Advanced Synchronize Workspace Merge tool Merge... Rebase... Reset... Create Patch... Apply Patch... Ignore Show in History Show in Repositories View Disconnect

Commit Message

Author: Meghana G R <grmeghana24@gmail.com>  
Committer: Meghana G R <grmeghana24@gmail.com>

Push HEAD... Commit



eclipse-workspace - Assignmnet/src/com/me/LambdaStream/Mainclass.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Git Repositories > Mainclass.java >

21 System.out.println("enter branch name");  
22 String branch=scan.nextLine();  
23 scan.close();  
24  
25 Map<String,Long>candidates=StudentImplementation.CountOfBranchStudent(branch,list);  
26 System.out.println("count of students in a branch");  
27 System.out.println(candidates);  
28 System.out.println("-");  
29  
30 ArrayList<Student> filtered=StudentImplementation.ListOfStudent(list);  
31 System.out.println("students who got less than 98 percent");  
32 System.out.println(filtered);  
33 System.out.println("-");  
34 System.out.println("-");  
35  
36 List<String>student=StudentImplementation.Studentnames(list);  
37 System.out.println("students who got above 88 percent");  
38 System.out.println(student);

History Synchronize Git Staging Git Reflog Properties

> eclipsigit [master]

Unstaged Changes (2)

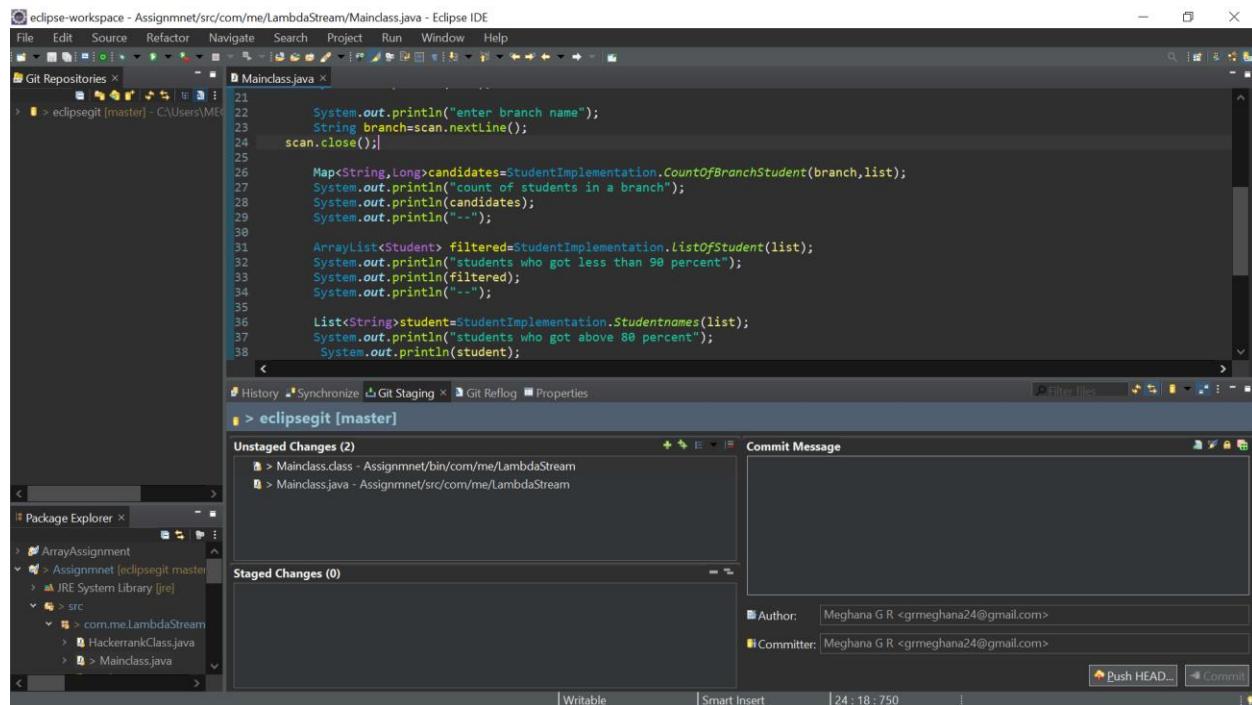
- Mainclass.class - Assignmnet/bin/com/me/LambdaStream
- Mainclass.java - Assignmnet/src/com/me/LambdaStream

Staged Changes (0)

Commit Message

Author: Meghana G R <grmeghana24@gmail.com>  
Committer: Meghana G R <grmeghana24@gmail.com>

Push HEAD... Commit



eclipse-workspace - Assignmnet/src/com/me/LambdaStream/Mainclass.java - Eclipse IDE

```
21     System.out.println("enter branch name");
22     String branch=scan.nextLine();
23     scan.close();
24
25     Map<String,Long>candidates=StudentImplementation.CountOfBranchStudent(branch,list);
26     System.out.println("count of students in a branch");
27     System.out.println(candidates);
28     System.out.println("-");
29
30     ArrayList<Student> filtered=StudentImplementation.ListOfStudent(list);
31     System.out.println("students who got less than 98 percent");
32     System.out.println(filtered);
33     System.out.println("-");
34
35     List<String>student=StudentImplementation.Studentnames(list);
36     System.out.println("students who got above 88 percent");
37     System.out.println(student);
38 
```

History Synchronize Git Staging Git Reflog Properties > eclipsegit [master]

Unstaged Changes (0)

Staged Changes (2)

Mainclass.class - Assignmnet/bin/com/me/LambdaStream  
Mainclass.java - Assignmnet/src/com/me/LambdaStream

Commit Message

Author: Meghana G R <grmeghana24@gmail.com>  
Committer: Meghana G R <grmeghana24@gmail.com>

Commit and Push Commit

Package Explorer

ArrayAssignment  
Assignmnet [eclipsegit master]  
JRE System Library [jre]  
src  
com.me.LambdaStream  
HackerrankClass.java  
Mainclass.java

eclipse-workspace - Assignmnet/src/com/me/LambdaStream/Mainclass.java - Eclipse IDE

```
21     System.out.println("enter branch name");
22     String branch=scan.nextLine();
23     scan.close();
24
25     Map<String,Long>candidates=StudentImplementation.CountOfBranchStudent(branch,list);
26     System.out.println("count of students in a branch");
27     System.out.println(candidates);
28     System.out.println("-");
29
30     ArrayList<Student> filtered=StudentImplementation.ListOfStudent(list);
31     System.out.println("students who got less than 98 percent");
32     System.out.println(filtered);
33     System.out.println("-");
34
35     List<String>student=StudentImplementation.Studentnames(list);
36     System.out.println("students who got above 88 percent");
37     System.out.println(student);
38 
```

History Synchronize Git Staging Git Reflog Properties > eclipsegit [master]

Unstaged Changes (0)

Staged Changes (2)

Mainclass.class - Assignmnet/bin/com/me/LambdaStream  
Mainclass.java - Assignmnet/src/com/me/LambdaStream

Commit Message

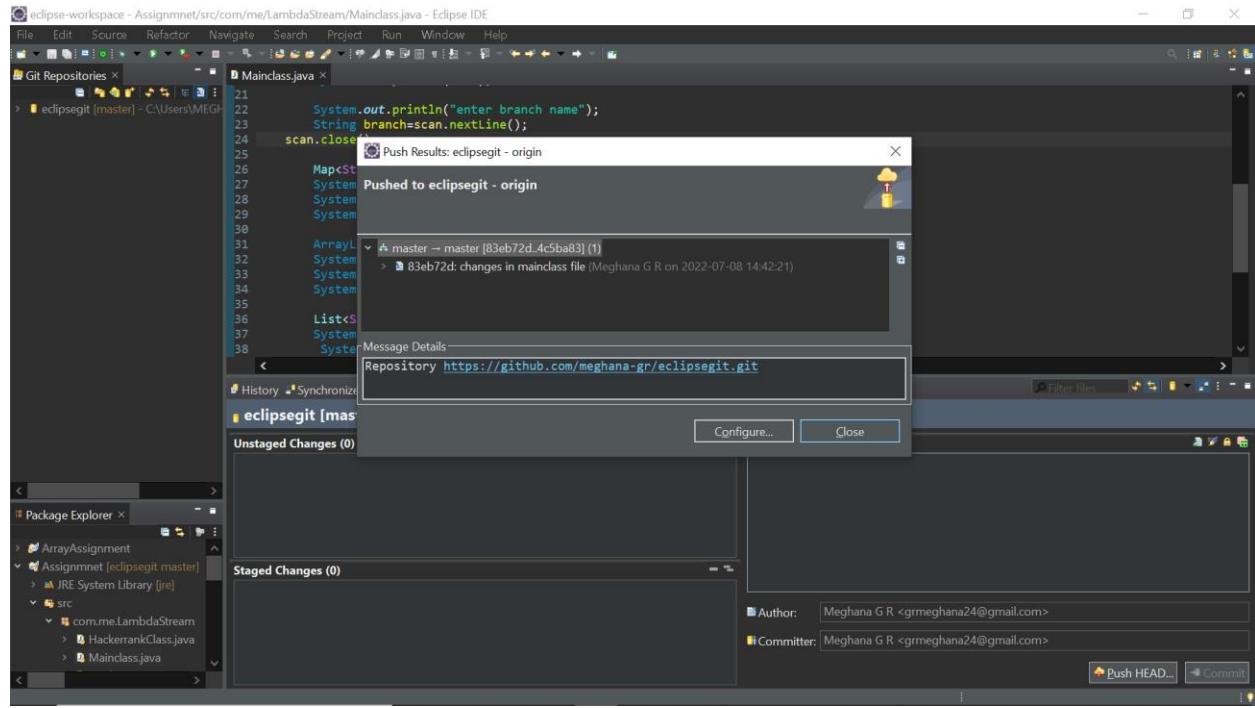
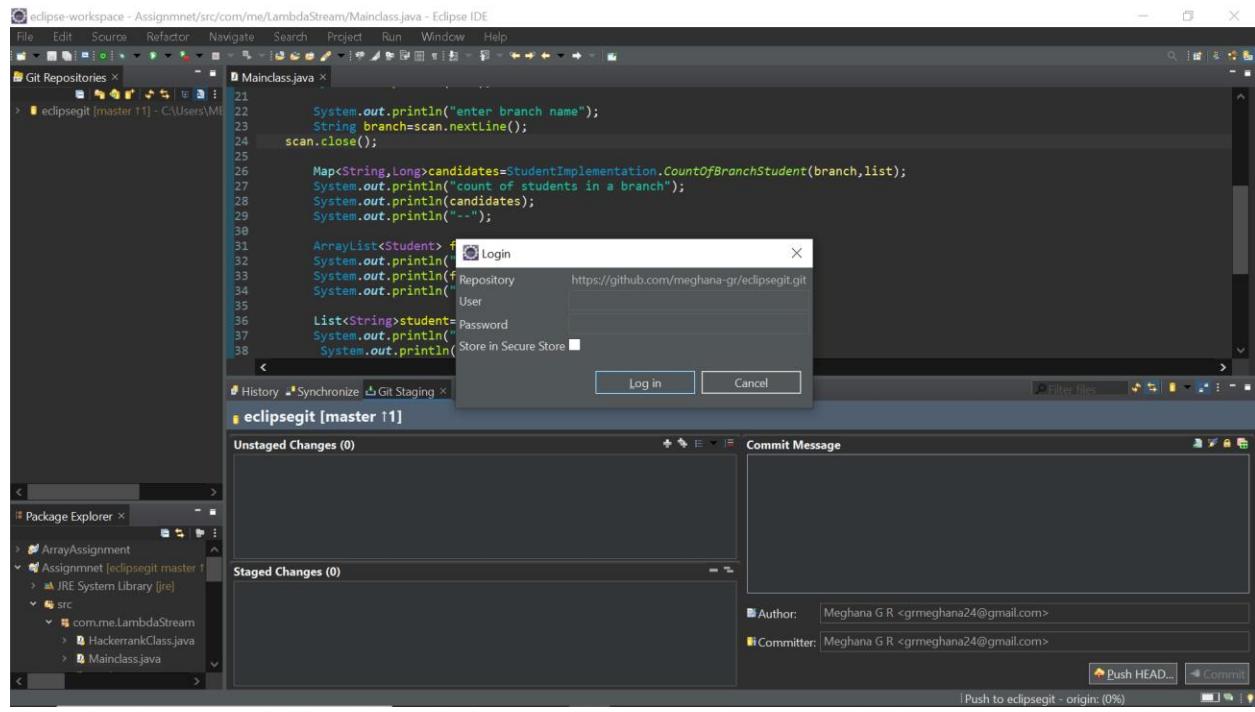
changes in mainclass file

Author: Meghana G R <grmeghana24@gmail.com>  
Committer: Meghana G R <grmeghana24@gmail.com>

Commit and Push Commit

Package Explorer

ArrayAssignment  
Assignmnet [eclipsegit master]  
JRE System Library [jre]  
src  
com.me.LambdaStream  
HackerrankClass.java  
Mainclass.java



eclipse-workspace - Assignmnet/src/com/me/LambdaStream/Mainclass.java - Eclipse IDE

```
21
22     System.out.println("enter branch name");
23     String branch=scan.nextLine();
24     scan.close();
25
26     Map<String,Long>candidates=StudentImplementation.CountOfBranchStudent(branch,list);
27     System.out.println("count of students in a branch");
28     System.out.println(candidates);
29     System.out.println("-");
30
31     ArrayList<student> studentList=Login
32     System.out.println(f Repository https://github.com/meghana-gr/eclipsegit.git
33     System.out.println(User
34
35     List<String>student=Password
36     System.out.println(
37     System.out.println(
38     System.out.println(Store in Secure Store
```

Git Repositories > eclipsegit [master 11] - C:\Users\MEGHA\OneDrive\Desktop\Assignment\Assignmnet [eclipsegit master 1]

Mainclass.java

File Edit Source Refactor Navigate Search Project Run Window Help

Log in Cancel

History Synchronize Git Staging

eclipsegit [master 11]

Unstaged Changes (0)

Staged Changes (0)

Commit Message

Author: Meghana G R <grmeghana24@gmail.com>

Committer: Meghana G R <grmeghana24@gmail.com>

Push HEAD... Commit

Push to eclipsegit - origin: (0%)

Package Explorer

- ArrayAssignment
- Assignmnet [eclipsegit master 1]
  - JRE System Library [jre]
  - src
    - com.me.LambdaStream
      - HackerrankClass.java
      - Mainclass.java