Assignment VCS

Assignment

Exercise 1. Create your first Commit.

* Initialize your Repository: git init project Exercise-1
* Create a file with name index.html
* Write code in newly created file
* Stage index.html
* Commit with message ‘Initial Message.’

Solution:

* Initialize your Repository: git init project Exercise-1

A screenshot of a computer screen

Description automatically generated

A screenshot of a computer

Description automatically generated

* Create a file with name index.html

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* Write code in newly created file

A screen shot of a computer

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A screenshot of a computer program

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A computer screen shot of a program

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* Stage index.html

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* Commit with message ‘Initial Message.’

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Github:

A computer screen shot of a program

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Assignment

Exercise 2. Commit only one file

* Initialize your Repository
* Create a files with names index.html and about.html
* Add code in both files.
* Stage only one file.
* Commit with message: ‘File x added.’

Solution:

* Initialize your Repository

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* Create a files with names index.html and about.html

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* Add code in both files.

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* Stage only one file.

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* Commit with message: ‘File x added.’

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Using Github:

A screenshot of a computer program

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A screenshot of a computer screen

Description automatically generated

Assignment

Exercise 3. Merge branch (No Conflicts).

* Initialize your Repository
* Create index.html file add some code.
* Make Commit.
* Create new branch from master branch with name my-feature.
* Add about-us.html file with code and commit changes in myfeature branch.
* Now checkout master branch.
* Merge my-feature branch into master.

Solution:

* Initialize your Repository

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* Create index.html file add some code.

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* Make Commit.

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* Create new branch from master branch with name my-feature.

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* Add about-us.html file with code and commit changes in myfeature branch.

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* Now checkout master branch.

A screenshot of a computer screen

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* Merge my-feature branch into master.

A computer screen shot of a program

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Using github repo:

* Initialize your Repository

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A computer screen shot of a program

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A screenshot of a computer

Description automatically generated

* Create index.html file add some code.

A computer screen shot of a program

Description automatically generated

* Make Commit.

A computer screen shot of a program

Description automatically generated

* Create new branch from master branch with name my-feature.

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* Add about-us.html file with code and commit changes in myfeature branch.

A computer screen with text and images

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* Now checkout master branch.

A computer screen with text and images

Description automatically generated

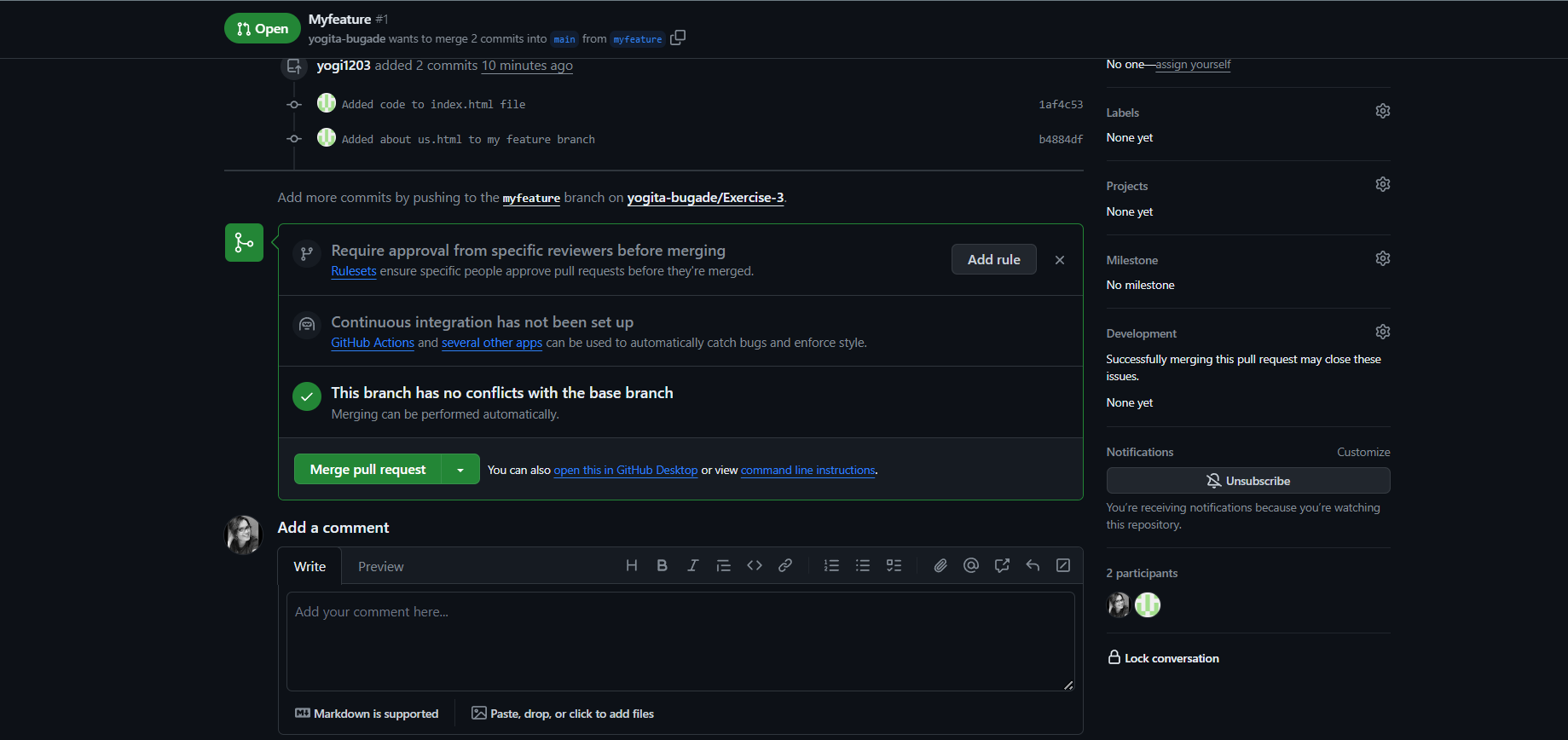
* Merge my-feature branch into master.

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Assignment

Exercise 4. Merge branch (Conflicts).

* Initialize your Repository
* Create index.html file add some code.
* Make Commit.
* Create new branch from master branch with name my-feature.
* Add about-us.html file with code
* Make changes in index.html
* Commit changes in my-feature branch.
* Now checkout master branch.
* Do some code changes in index.html
* Commit changes.
* Now merge my-feature branch into master.
* You will get conflicts for index.html file. Resolve conflict by selecting both changes for the same index.html file.

Solution:

* Initialize your Repository

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* Create index.html file add some code.

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* Make Commit.

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* Create new branch from master branch with name my-feature

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* Add about-us.html file with code

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* Make changes in index.html

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* Commit changes in my-feature branch.

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* Now checkout master branch.

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* Do some code changes in index.html

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* Commit changes.

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* Now merge my-feature branch into master.

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* You will get conflicts for index.html file. Resolve conflict by selecting both changes for the same index.html file.

A computer screen with text on it

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Using Github:

• Initialize your Repository

A computer screen shot of a program

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Description automatically generated

• Create index.html file add some code.

A computer screen shot of a program

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• Make Commit.

A computer screen shot of text

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• Create new branch from master branch with name my-feature.

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• Add about-us.html file with code

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• Make changes in index.html

• Commit changes in my-feature branch.

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• Now checkout master branch.

• Do some code changes in index.html

• Commit changes.

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• Now merge my-feature branch into master.

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• You will get conflicts for index.html file. Resolve conflict by selecting both changes for the same index.html file.

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