LAB: Create an AWS CodeCommit Repository
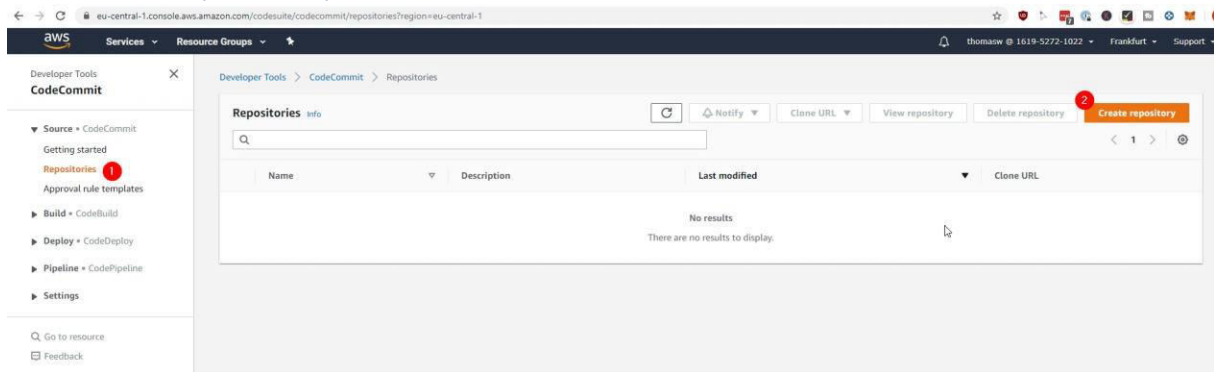
You need:

- An AWS Account

Duration of the Lab: 15 Minutes.

Difficulty: easy

Create a Repository

Enter a name:

Install Git

Install Git if you have not installed it yet:

https://git-scm.com/downloads

Get HTTPS Git Credentials

Go to your IAM Management console, users, select your user-name, Tab "Security Credentials" and create HTTPS Git Credentials:
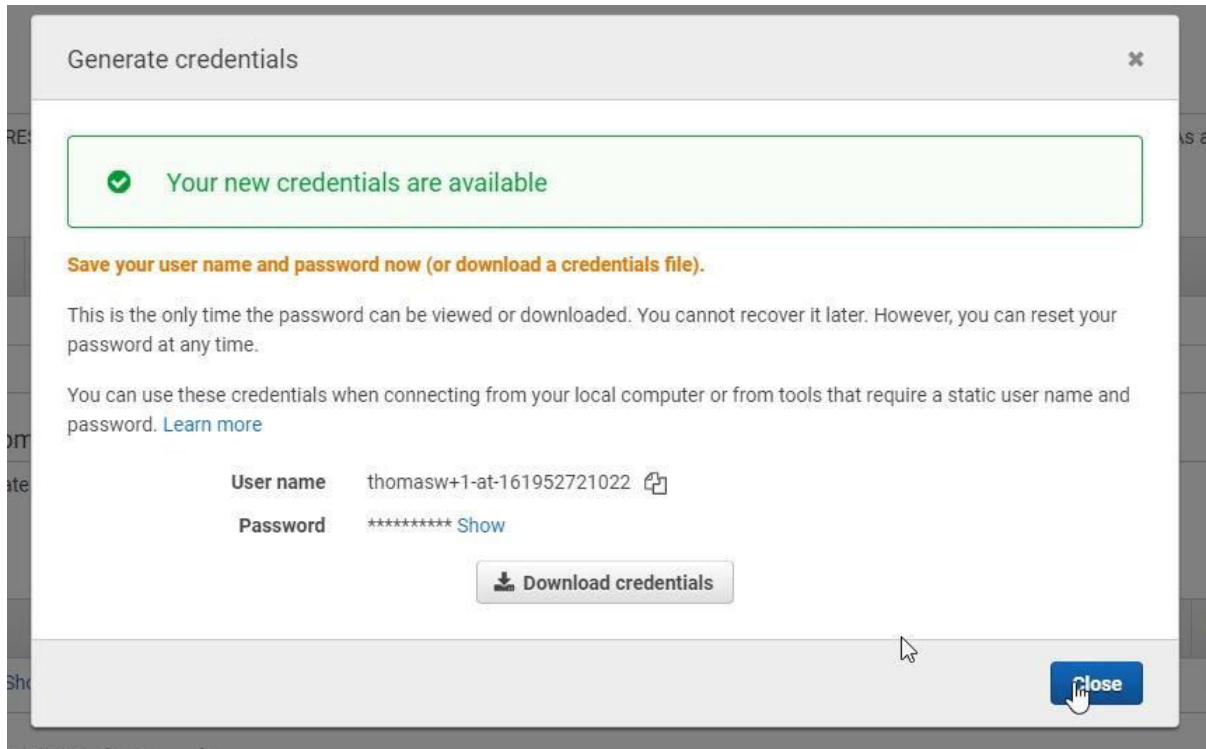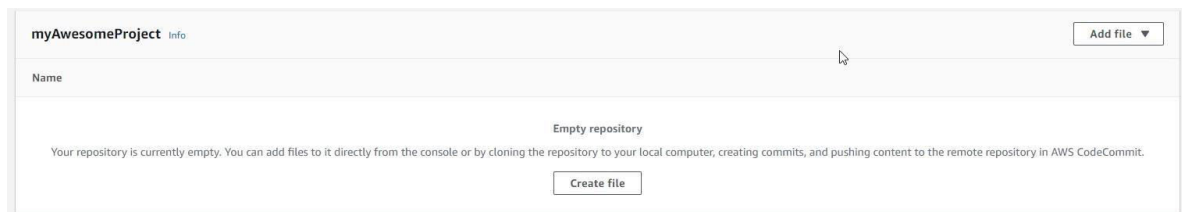

Copy the Credentials:

Git will automatically ask later for the username and the password! So keep those at hand.

Create a file in your Repository

Go back to your CodeCommit Repository and create a new file:

1. For file contents enter "hello world"
2. File name: index.html
3. Your name
4. Your email address
5. A commit-message
6. And commit changes

Clone the Repository

Get the clone URL for HTTPS:
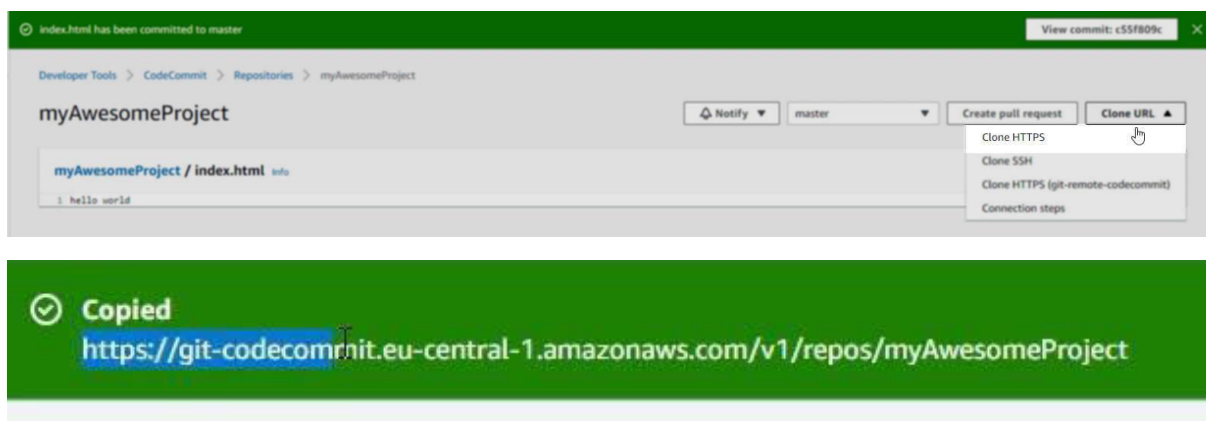
Go to a new, empty directory and open PowerShell (Windows) or Terminal (MacOS, Linux) and clone the repository

```
git clone [URL_FROM_CODECOMMIT]
```

IF YOU RUN THIS THE FIRST TIME: Git will ask for your credentials. Enter the credentials you downloaded earlier!

Your repository is now cloned locally:

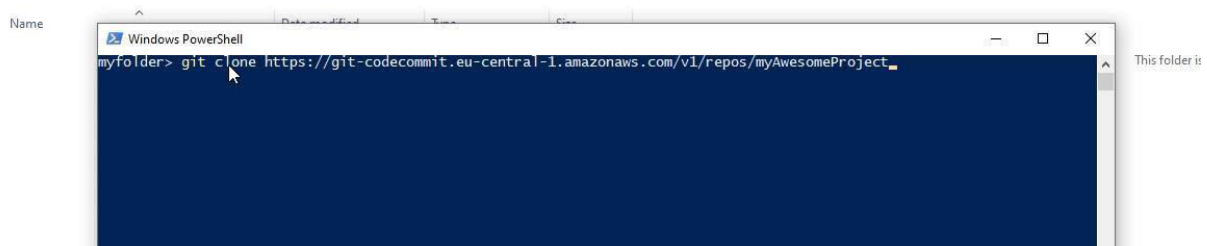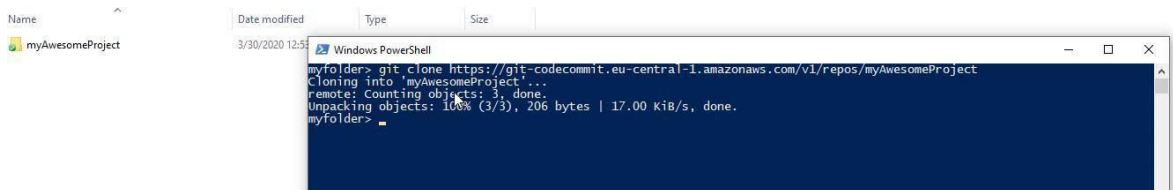# Make changes and push them

For this example I will use visual studio code to edit the files. If you want to give it a try download it for free here:

https://code.visualstudio.com/download

Open the index.html in the folder with visual studio code. Edit it with some custom text. Also create an index.php file:

```
<?php

echo "hello world";
```

Then open a Terminal:
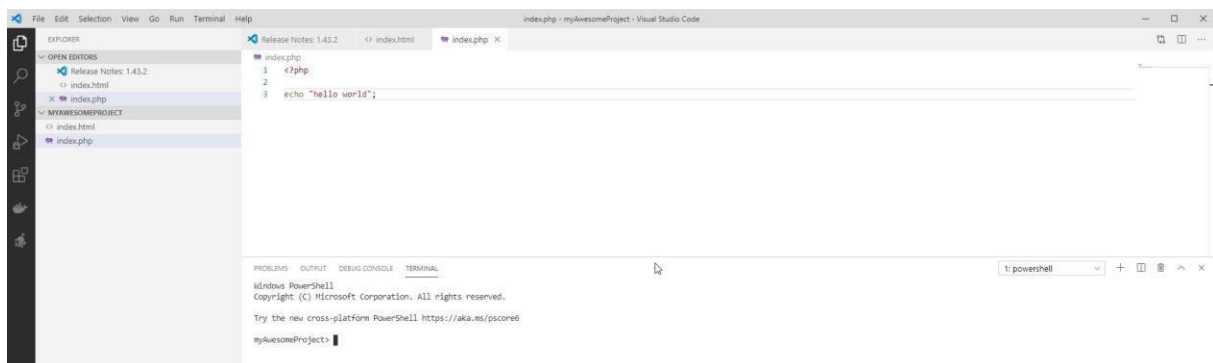

```
git status
```

will tell you about the current working directory files:

```
myAwesomeProject> git status
On branch master
Your branch is up to date with 'origin/master'.

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.php

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

`git add .`

will stage all files

`git commit -a -m "added an index.php file"`

will commit all files with a message "added an index.php file"

`git push origin master`

will push the files from the local repository to the remote repository