

Question 4(Part 1):

Create GitHub Account. Create a repository in remote Github. Clone it to local machine.

Answer:

Created a repository in remote Github :

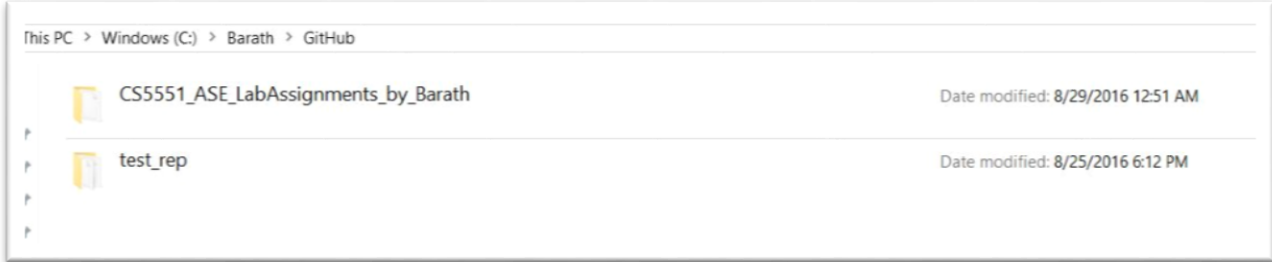
The screenshot shows the GitHub interface for a repository named 'CS5551_ASE_LabAssignments_by_Barath' by user 'barathn1'. The repository has 1 commit, 1 branch, 0 releases, and 1 contributor. A 'Clone or download' button is visible, which has opened a dropdown menu. The menu shows 'Clone with HTTPS' as the selected option, with the URL 'https://github.com/barathn1/CS5551_ASE_Lab' and a 'Download ZIP' option. The repository's README.md file is displayed below, containing the title 'CS5551_ASE_LabAssignments_by_Barath' and the description 'This Repository is mainly used for CS 5551 Advanced Software Engineering LAB assignments.'

Cloned to local machine in GitShell using Git Command :

git clone <url>

```
C:\WINDOWS\System32\WindowsPowerShell\v1.0\Powershell.exe
C:\Barath\GitHub> git clone https://github.com/barathn1/CS5551_ASE_LabAssignments_by_Barath.git
Cloning into 'CS5551_ASE_LabAssignments_by_Barath'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
C:\Barath\GitHub>
```

And it got cloned to local directory in my computer



Question 4 (Part 2) :

Create 2 (Source and Documentation) directories in local github.

Put the screenshots of class diagram and analytics graph under documentation directory in the local windows Github and sync it to remote Github.

Answer:

After creating Source and Documentation directories in local Github with class diagram and analytics graph. Committed and Pushed the file to remote Github as below:

```
posh-git - CS5551_ASE_LabAssignments_by_Barath [master]
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Documentation [master = +1 ~0 -0 !]> git add -A
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Documentation [master = +3 ~0 -0 ~]> git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   UML_ClassDiagram_ChatApplication.JPG
    new file:   UML_ClassDiagram_OnlineShopping_PreTest.JPG
    new file:   UML_Sequence_OnlineShopping_PreTest.JPG

C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Documentation [master = +3 ~0 -0 ~]> git commit -am "Initial commit of UML diagram for Assignment"
[master b0edall] Initial commit of UML diagram for Assignment
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Lab 1/Documentation/UML_ClassDiagram_ChatApplication.JPG
create mode 100644 Lab 1/Documentation/UML_ClassDiagram_OnlineShopping_PreTest.JPG
create mode 100644 Lab 1/Documentation/UML_Sequence_OnlineShopping_PreTest.JPG
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Documentation [master !]> git push
Counting objects: 7, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 186.28 KiB | 0 bytes/s, done.
Total 7 (delta 0), reused 0 (delta 0)
To https://github.com/barathn1/CS5551_ASE_LabAssignments_by_Barath.git
  5c3a3ea..b0edall master -> master
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Documentation [master =]> cd ../Source\
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Source [master = +1 ~0 -0 !]> git add Readme.txt
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Source [master = +1 ~0 -0 ~]> git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   Readme.txt

C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Source [master = +1 ~0 -0 ~]> git commit -m "Initial commit of Readme.txt file"
[master f6fff7c] Initial commit of Readme.txt file
1 file changed, 3 insertions(+)
create mode 100644 Lab 1/Source/Readme.txt
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Source [master !]> git push
Counting objects: 5, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 448 bytes | 0 bytes/s, done.
Total 5 (delta 0), reused 0 (delta 0)
To https://github.com/barathn1/CS5551_ASE_LabAssignments_by_Barath.git
  b0edall..f6fff7c master -> master
C:\Barath\GitHub\CS5551_ASE_LabAssignments_by_Barath\Lab 1\Source [master =]>
```