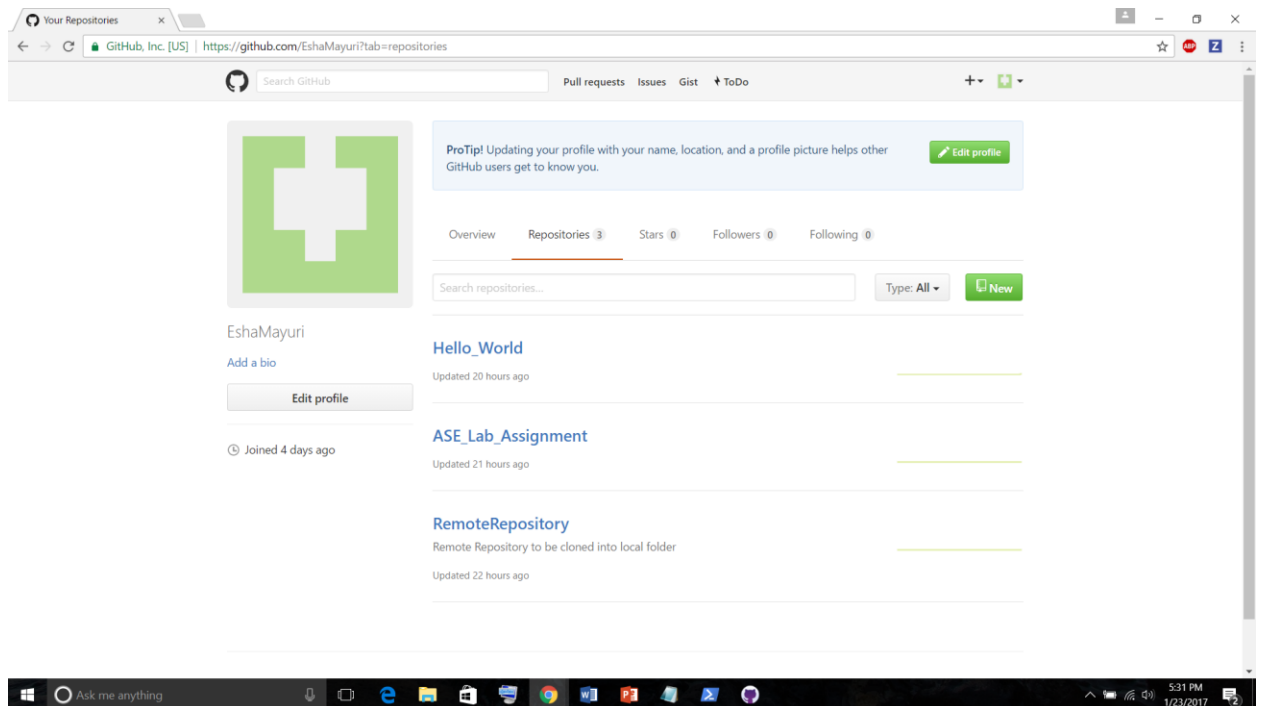## Lab Question 4:

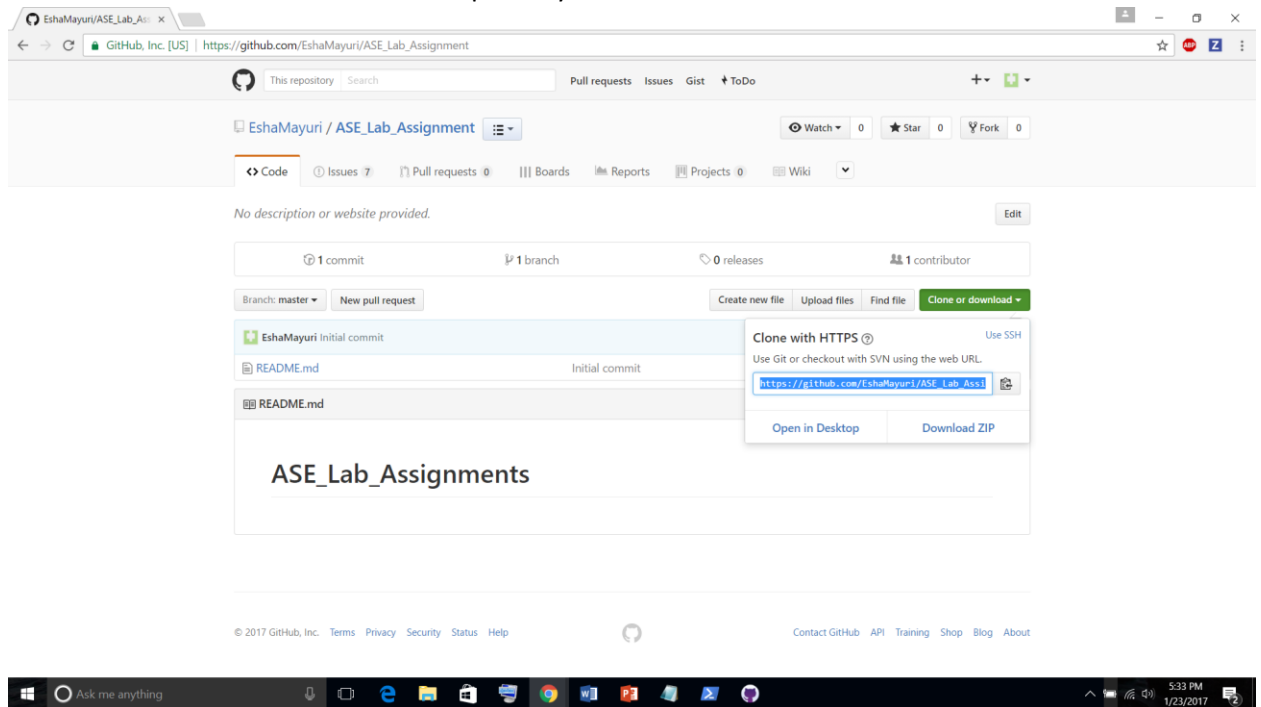Create a repository in remote Github. Clone it to local machine.

Create 2(source and Documentation) directories in local github. Put the screenshots of class diagram and analytics graph uder documentation directory in local windows Github and sync it to remote Github.

Solution with screenshots:

- I have created a remote repository called "ASE_Lab_Assignment" through Github.
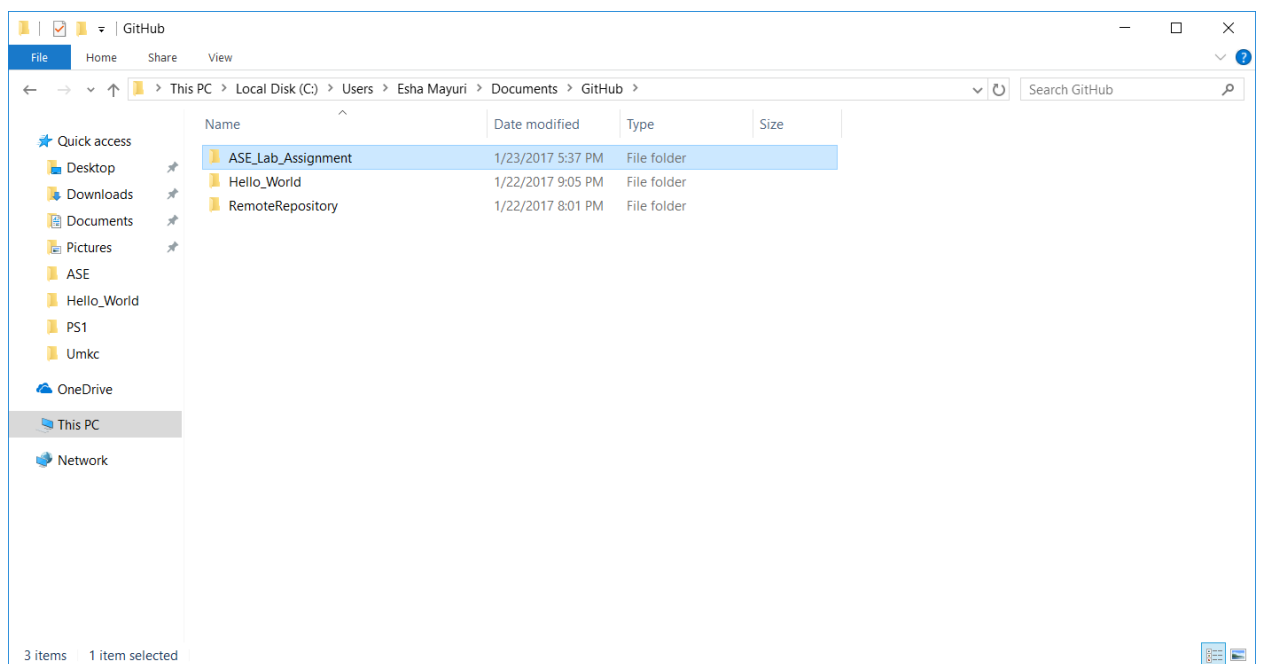
- Accessed the command to clone the repository into the local machine.

- Cloned the remote repository into local machine through Git Shell and repository got created locally.

- Created a folder called LabAssignment1 in local and in that created 2 directories called source and Documentation.

  Pushing local changes onto remote github.

```
C:\Users\Esha Mayuri\Documents\GitHub\ASE_Lab_Assignment [master ≡ +1 ~0 -0 !]> git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        LabAssignment1/

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Esha Mayuri\Documents\GitHub\ASE_Lab_Assignment [master ≡ +1 ~0 -0 !]> git add LabAssignment1/
C:\Users\Esha Mayuri\Documents\GitHub\ASE_Lab_Assignment [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:    LabAssignment1/Documentation/ClassDiagram.jpg

C:\Users\Esha Mayuri\Documents\GitHub\ASE_Lab_Assignment [master ≡ +1 ~0 -0 ~]> git commit -m "Addning folder ASE_LabAss
ignment1 and subfolders Source & Documentation"
[master c158f5d] Addning folder ASE_LabAssignment1 and subfolders Source & Documentation
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 LabAssignment1/Documentation/ClassDiagram.jpg
C:\Users\Esha Mayuri\Documents\GitHub\ASE_Lab_Assignment [master ↑]> git push
Counting objects: 5, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 203.10 KiB | 0 bytes/s, done.
Total 5 (delta 0), reused 0 (delta 0)
To https://github.com/EshaMayuri/ASE_Lab_Assignment.git
   5a0e434..c158f5d  master -> master
C:\Users\Esha Mayuri\Documents\GitHub\ASE_Lab_Assignment [master ≡]> _
```

As there were no files in Source folder the folder was not pushed in the before step. Added a new file in Source folder and pushed the changes to remote Github.

- Pushed folders Documentation and Source onto remote Github: