

Lab 1- CSCI 242
Fall Quarter, September 2023
Instructor: Solmaz Seyed Monir

Lab1 – GitHub - Install Eclipse to Run Java

Scoring: 20 pts

**Please complete Tutorials 1 and 2 before starting the lab assignment.
This assignment is an individual submission.**

Activity Results: This lab teaches you the following topics:



To upload your **LAB1**-Exercise to the GitHub repository



How to Download and Install Eclipse to Run Java

1. What are the steps involved in creating a new repository on GitHub, and how can you add files to it using the command line?

2. Create a repository and call it **CS-Labs**.

3. How can you reverse a given number in Java, and what would be the code implementation for it?

Ex. Given Number

12345

Reverse Number

54321


How do I submit my assignment?




1. Answer each question in a word document. After that, capture a screenshot of your terminal with your code and output and paste it into a Word document, then save it as a PDF.


2. Make a folder in your host operating system called OS380 lab-assignments and save your first lab in that folder.



3. Upload your pdf file to your repository "**CS-Labs**" from Tutorial 1 is in our repository for this class.


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 **CS-Labs** Public Pin Unwatch 1

 main  1 branch  0 tags Go to file Add file Code

 **solmazsm** Initial commit ce74ded 9 minutes ago 1 commit

 LICENSE	Initial commit	9 minutes ago
 README.md	Initial commit	9 minutes ago

README.md 

CS-Labs

GitHub repository for CS- lab assignments CS-Teaching-Demo-Solmaz

Step1: Git init

Step2: git add .

Step3: git commit -a -m "first commit"

Step4: git push -u origin --all

4. Upload a URL repository to the canvas.

```

Solli@DESKTOP-00QMIVA MINGW64 ~/Desktop/demo/labs/questions (master)
$ git init
Initialized empty Git repository in C:/Users/Solli/Desktop/demo/labs/questions/.
git/

2 Solli@DESKTOP-00QMIVA MINGW64 ~/Desktop/demo/labs/questions (master)
$ git remote add origin https://github.com/solmazsm/CS-Labs.git

3 Solli@DESKTOP-00QMIVA MINGW64 ~/Desktop/demo/labs/questions (master)
$ git add .

4 Solli@DESKTOP-00QMIVA MINGW64 ~/Desktop/demo/labs/questions (master)
$ git commit -a -m "first demo commit"
[master (root-commit) e61a19f] first demo commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Questions-lab 1.docx
create mode 100644 Questions-lab 1.pdf
create mode 100644 ~$estions-lab 1.docx


5 Solli@DESKTOP-00QMIVA MINGW64 ~/Desktop/demo/labs/questions (master)
$ git push -u origin --all
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 248.10 KiB | 31.01 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/solmazsm/CS-Labs/pull/new/master
remote:
remote: Heads up! The branch 'master' that you pushed to was renamed to 'Master'


remote:
To https://github.com/solmazsm/CS-Labs.git
 * [new branch] master -> master
branch 'master' set up to track 'origin/master'.


Solli@DESKTOP-00QMIVA MINGW64 ~/Desktop/demo/labs/questions (master)
$


```

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 **CS-Labs** Public


 Pin


 Unwatch 1

 **master** had recent pushes 6 minutes ago

Compare & pull request

 **master** ▾

 3 branches


 0 tags



Go to file



Add file ▾

<> Code ▾

This branch is 1 commit ahead, 1 commit behind Master.

 Contribute ▾

 **solmazsm** first demo commit ec1a19f 10 minutes ago  1 commit

 Questions-lab 1.docx	first demo commit	10 minutes ago
 Questions-lab 1.pdf	first demo commit	10 minutes ago