

CSI 321

Assignment

To-do:

Suppose you are two Software Developers- **X** and **Y**.

1. **X** will create a Java Project called *MyFancyJavaProject* and write up a simple Java program without following the Factory pattern.
 2. Later, **X** needs to create a local Git Repository with the *MyFancyJavaProject* and connect it to a new GitHub Repository.
 3. **X** will work on the main branch, commit his changes on **May 8**, and push it to the origin.
 4. **X** will then invite the second developer **Y**, to collaborate with his project.
 5. **Y** will clone the whole project into his local machine and create a new branch called *branchY*.
 6. Now, **Y** will checkout to *branchY* and modify the program to implement Factory Pattern, commit his changes on **May 10**, and push it to the origin.
 7. Meanwhile, **X** will make some slight changes to his code (e.g., change a variable/function name), commit the changes on **May 11**, and then push them to the origin.
 8. **Y** will check out to the main branch, pull the latest changes from origin and create a new branch called *branchXY*.
 9. Then **Y** will checkout to *branchXY* and merge this branch with *branchY*. After merging, if any conflict arises, he needs to resolve them (e.g., he can keep the codes from *branchY*).
 10. Finally, **Y** will commit the changes on **May 13**, and then push them to the origin.
- Uses appropriate **commit messages**, so that I can understand what was done in that commit.
 - You need to submit only your Github Repository link in eLMS within **May 14, 11:59 pm**.
 - Only one member from each group needs to submit.
 - During submission please mention the name of **X** and **Y**.