**Assignment 11**

**Please store all commands used for each step**.

1. Create new local repository/local bare repository named **R0**
2. Clone new local repository from local repository/local bare repository created from #1, new repository named **Ra**
3. In Ra, create/edit source file(s). Add all file and commit these changes (commit **Ca0**) on branch **master**
4. Create/edit multi source files. Add some of changed files (not all files), then commit added files (commit **Ca1**).
5. Commit other changed files (which did not add in #4) as a commit (**Ca2**).
6. Modify more than 2 source files, then commit 1 file and reset other files (unchanged) as commit **Ca3**.
7. Push branch master to remote repository (**R0**).
8. Edit one file (one of committed file in #6), then add this change to commit **Ca3** (2 ways, commit --amend and soft reset then commit, answer how different between these ways?).
9. Push master branch to remote repository (**R0**) again.
10. Clone another local repository from local repository/local bare repository created from #1, new repository named **Rb**.
11. On **Rb**, create new branch named **feature1** from commit **Ca2** of **master** branch.
12. Edit 2 files then commit to **feature1** branch (commit **Cb1**).
13. Edit 1 file which is changed in commit **Ca3** (#6 or #8), edit the same location (in file) with change from **Ca3**. After that, commit this commit as **Cb2**.
14. Merge branch **feature1** (**Cb2**) with **master** branch (**Ca3**). Resolve conflicts then push back to **master** branch of remote repository **R0**.
15. Create another remote repository named **R1** by copy **R0**.
16. On **master** branch of **Ra**, edit some files then commit (**Ca4**).
17. Add new remote named **rmt-r1** has URL points to **R1**.
18. Push new changes of **master** branch (of **Ra**) to **R1**.
19. On **Ra**, create new branch named **test\_rebase** based on commit **Ca2**.
20. On **test\_rebase** branch, edit one file which is changed in commit **Ca3** or **Ca4** (#8 or #16), edit the same location (in file) with change from **Ca3** or **Ca16**. Then commit these changes to **Cat1**.
21. Rebase the **Cat1** to the latest of **Ra/master** with conflicts resolved.