

Question 1:

- 1 - Pros: Easy to setup, Easily accessible, Offline access
 Cons: Can't collaborate, No backup

- 2 - Pros: No merge conflicts, Easy to share resources
 Cons: Reliant on outside server, Slow, Only one person can work on a file at a time, No offline access

- 3 - Pros: Able to selectively checkout files, Easily accessible files, Allows collaboration, Can checkout part of a repository at a time.
 Cons: Single point of failure, Merge conflicts, No offline access, Error propagation is common

- 4 - Pros: Offline access, Limited error propagation, No single point of failure
 Cons: Have to clone entire repository, Merge conflicts, Branches can cause merge issues

Question 2:

- 1 - edit file
- 2 - git add filename
- 3 - git restore
- 4 - git reset
- 5 - git commit -m "message"
- 6 - Creates a new revision
- 7 - git push
- 8 - git push
- 9 - git merge
- 10 - git fetch
- 11 - git pull
- 12 - once merge conflict happens, open file locally and fix merge conflict, then add, commit, push.