**Branching Exercise**

**Part I**

Answer the following questions:

* What *git* command creates a branch?
  + git branch file\_name
* What is the difference between a fast-forward and recursive merge?
  + A fast-forward merge happens when the changes happened in an easy to identify sequence.
  + A recursive merge happens when multiple changes and commits were made in the branches to be merged and the sequence of changes and commits may not be so easy to identify.
* What *git* command changes to another branch?
  + git checkout branch\_name
* What *git* command deletes a branch?
  + git branch -d branch\_name
* How do merge conflicts happen?
  + A merge conflict is created when two or more changes are made in the branches to be merged and it is not clear which change should be kept.