3: Github [15 points]  
Part A: Questions [10 points]  
1. What does the abbreviation “SCM” stand for.

Software Configuration Management

2. Alice shares a project repository on a Github server with Bob. Bob lets Alice  
know that he made some changes to several files. Alice now does a pull from the  
server. She looks at the files in her working folder but sees no changes. What  
other operation must she do so that the changed files appear in the working  
folder?

She needs to do a checkout to ensure that her part is up to date.

3. Alice starts working on her project. "I don't need a revision control system", she  
says, "I'm working alone". State two reasons that she should use something like  
Github to manage her source code files.

-Github can help Alice to keep a history of changes she has made to her project, which allows her to go back to previous versions if needed

-Github helps to organize her files for her project which is needed if Alice is working on a big project

4. Describe the difference between “Git” and “Github” ?

Git is the version control system while Github is the platform that hosts Git repositories.

5. Describe one situation where Alice and Bob would want to work on a separate  
branch instead of the default branch (a.k.a. the “main” or “trunk”).

One situation can be that they program differently from each other.