

My Created Repository: <https://github.com/dalzahed/391repo>  
intern-bootcamp-git: <https://github.com/dalzahed/intern-bootcamp-git>  
Hw2-git-introduction-dalzahed:  
<https://github.com/spark-classes/hw2-git-introduction-dalzahed/tree/main>

Description of the tasks:

- Set up Git and Github:
  - Github log in.
  - Opened up a terminal. The TA helped me access the terminal for hw0.
  - Checked the Git version. It was installed.
  - Set up username and email in Git.
  - Configured an SSH key to connect to GitHub securely.
  - Configured Commit Signature with Github.
- Creating a repository:
  - Created a public repository, named it, and initialized it with a README.
  - Cloned the repository locally in the terminal by using the SSH URL.
- Making changes:
  - Created the question.txt file in the new repository.
  - Added the question: "What makes you excited about programming?" to the file.
  - Tracked changes of my new file with git status.
  - Added the file to git's tracking and checked the status of the file again.
  - Committed and pushed the file to Github.
- Working with branches:
  - Checked the current branch with git branch. Created and switched to a new branch.
  - Edited question.txt with the answer and created random.txt in the same file as question.txt.
  - Committed branch changes.
  - Added an additional question to question.txt and committed the changes.
  - Answered the new question and committed the changes.
  - Squashed three commits into one. Pushed my committed changes.
  - Viewed all my branches, compared the contents of the main branch and my-new-branch.
  - While on the main branch, I merged the changes from my-new-branch into the main branch.
  - Pushed my original main branch to remote.
- Forking an upstream repository:
  - Forked the upstream repository into my GitHub account.
  - Cloned the forked repository.

- Added a new branch (feature) and added my name and email id into the file attendees.txt.
  - Committed those changes.
- Created a pull request:
  - Created and added a title for my PR.
  - Made sure that my PR has no conflicts.
  - Synced my branches with upstream and picked commits from upstream. Pushed the changes.
  - Realized that I accidentally chose the wrong upstream branch, so I had to delete my PR and repeat steps 4 and 5.