# CptS 233 Micro Assignment #1

For this micro assignment, you must fully implement the addElement and removeElement functions inside LinearHashTable. All changes to code must take place within "LinearHashTable.java". Example test cases are provided in MA1\_main.java.

## Instructions

1. Create a “MA1” folder in your **cloned git repository (the folder that was created after running the “git clone” command)**.
2. Unzip this zip file into the repository.
3. Open Eclipse, click: File -> New -> Java Project
4. Uncheck the checkmark before “Use default location”. Browse to the MA1 folder you just created, and select it as your “Location”. Enter a project name if it prompts you to do so.
5. Click “Next”, and select the “src” folder. This will mark “src” to be the folder of your source code. Now click Finish.
6. You may start coding now. Remember to use git add, commit **(always commit with a meaningful message)** and push to keep your repository updated, and for your submission. Remember to do the git command in the correct folder in your git bash. For convenience, I suggest right click inside your **Repository Folder** to open your git bash, that way you know for sure you are in the right place.
7. I highly recommend you do constant pushing so that I can see your progress, instead of waiting until the end with only one final submission.

## Grading

Your submission will be graded based on the following:

1. [8] Your solution builds, does not cause any runtime issues, correctly implements “addElement” and “removeElement”, and passes all test cases
2. [2] Pity points. You're welcome ;)
   * You provide meaningful variable names
   * You provide sufficient and meaningful comments
   * Your code is well structured
3. [2] Extra: if you correctly implement “containsElement” and “getElement”.

## Due Date

See instructions on Blackboard.

Submit your code files to a directory on your EECS gitlab repository before the due date, then on Blackboard, submit a text submission with your final commit’s hashcode (the first 8 characters shall be enough.).