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Programming 2
Cptr.212

Fall 2020 | Southwestern College
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Assignment #7
"Implement an API"

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Each student has been assigned one function to define in a project. Write the code to define that function, and submit it as a pull request on Github.

The process is:

- Sign up for Github.com, then visit **https://github.com/daniel-sckans/cptr212_int_array_tools** and click "fork" in the upper right. This will create a copy of the repository for your own account.

- Open VSCode to a folder you want to use, then type in the terminal "git clone «your-repository-url»". This will create a local copy for you to work with.

- Edit the code to complete the function you've been assigned. Most functions should require minimal coding.

- When you're done, type in the terminal:

  – git add .
  – git commit -m "your commit message here"
  – git push «your-repository-url» master

- Finally, visit your repository on Github and click "compare & pull request" to submit a pull request to me.

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Programming is not a spectator's sport, but it is often a team sport. Git (and sites like the popular Github.com) offer programmers an effective (and often fun) means of collaborating.

Simultaneously, we will find that dividing our code into several connected files (through header files, ending in .h) will allow this to happen more easily.

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Atlassian has many popular tutorials dedicated to learning to use Git and Github.com. There are many other sites offering instruction as well.

For instruction on using and creating header files, see Gustedt Chapter 10 ("Organization and Documentation"), which covers best practices for using header files.