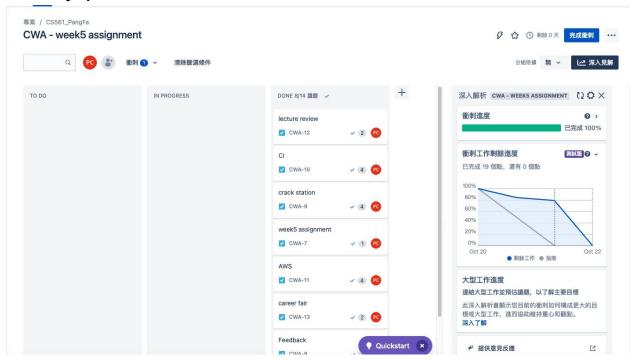
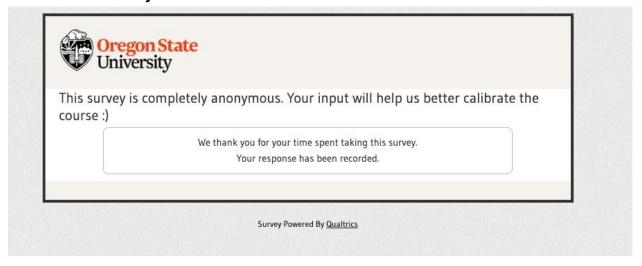
Part 1: My sprint in Jira:



Part 2: Feedback to you.



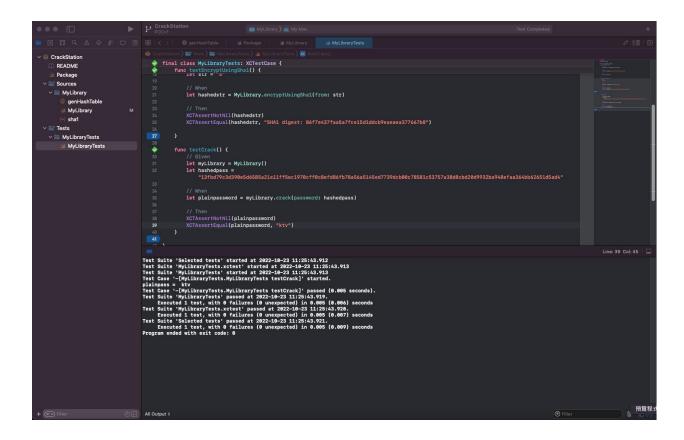
Part 3: Security TestCase1:

input string =

"13fbd79c3d390e5d6585a21e11ff5ec1970cff0c8efd86fb78a56a5145ed7739dcb00c78581c53757a38d8cbd20d9932ba948efaa364bb62651d5ad4"

Expected result: "ktv"

Explanation: The input String is actually the hashed string, and the original text is "ktv", Therefore, the function should return "ktv" after cracking the string and it sure does.



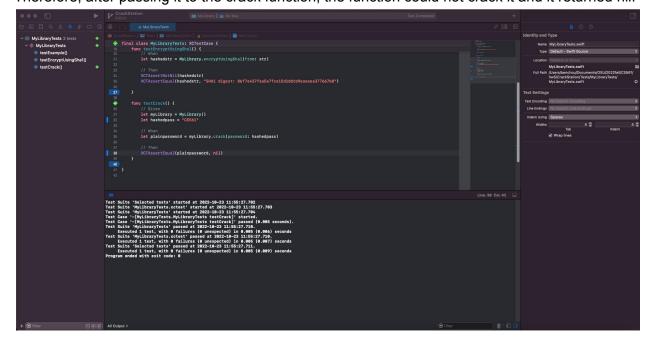
Testcase2:

inputString = "CS561"

Expected Result: nil

Explanation: The input string is just a random string. It's not a hash string by SHA1.

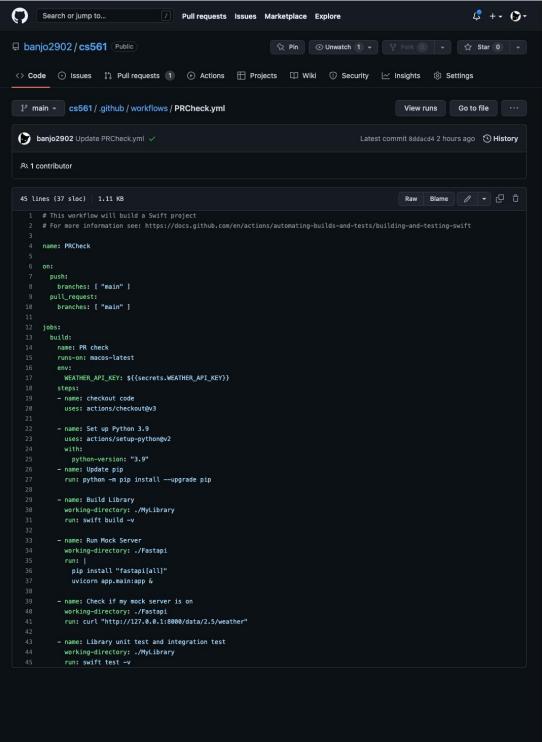
Therefore, after passing it to the crack function, the function could not crack it and it returned nil.



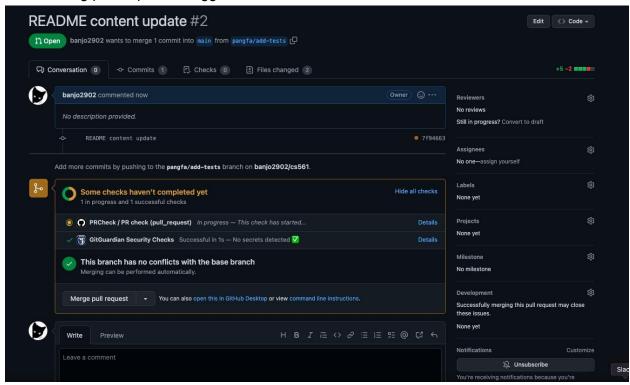
Part 4: CI

Link to my repo: https://github.com/banjo2902/cs561/pull/2 Screenshots of how my CI works:

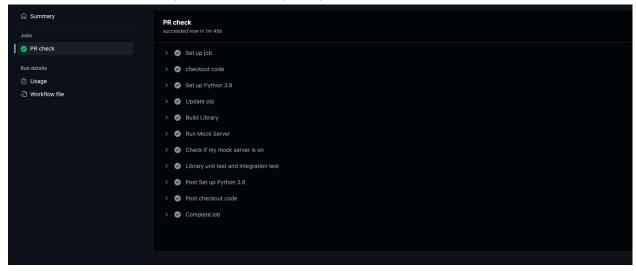
1. Github actions: build up PRCheck.yml



Using pull request to trigger CI



3. Successfully passed the CI check (I set up the environment variable in Actions Secret for the weather api key, so it passes my integration test.)



Part 5. AWS: S3

