

Design Principals Lab

- 1) Clone the project <https://github.com/plennon2019/singleOpenClosed.git>
- 2) In the “single” package, you have a class called “UserController”. It is violating “The Single Reasonability Principal”.
 - a. Explain how this is happening?
 - b. Refactor the UserController class so that it is following the Single Responsibility Principal.
 - c. Do you notice any advantages to your code after you refactor?
- 3) In the package “open”, examine the two classes “PhoneSubscriber and ISPSubscriber”
 - a. Refactor the two classes so that they follow the Open-Closed Principal
 - b. Do you notice any advantages to your code after you refactor?

Submit a Word/.txt document to Moodle “Design Principals Lab”.

- a) The document should contain a link to your repo with the code solution to the above (Should be a Maven project)
- b) The document should also contain answers to Q1a, Q1c & Q2c.

This might be worth $\approx 10\%$