

# End of Course Exam

Create a mock class of this page - <https://www.ultimateqa.com/complicated-page/>

## Class Hierarchy

BasePage - an abstract class that contains the string property for PageName

- ComplicatedPage -which is the Base class for the following classes. Inherits from BasePage
  - ButtonsSection - Aproperty that is of type SectionOfButtons
  - SocialMediaSection -Aproperty of type SectionOfSocialMedia
  - RandomStuffSection -Aproperty of type SectionOfRandomStuff
  - PageName -An overridden element from the base class that returns the string "Complicated Page"
- Element -a class that contains:
  - Avoid Click() method, uses the Console to write out "Click"
- SectionOfButtons -a class that contains:
  - A property named Button of type Element
- SectionOfRandomStuff -a class that contains:
  - A void method FillForm(), uses the Console to write out "Fill out form"
- SectionOfSocialMedia -a class that contains:
  - A property TwitterButton of type Element
  - A property FacebookButton of type Element

## Tests

Write a test method that creates an instance of ComplicatedPage. Using the created instance, return the property PageName. Assert that it contains the string "Complicated Page"

Write a test method that creates an instance of SectionOfRandomStuff. Using the created instance, call the FillForm() method.

Write a test method that creates an instance of SectionOfButtons. Using the created instance, call the Click() method of the instance's Button property. Wrap the contents of this test method in a try/catch and be sure to write out an error message that occurs, if any.

Attempt to debug and correct any problems you find.