Selenium Python - Page Object Model (POM)
Step by Step

Today we will learn:

1. What is POM
2. Why to use POM
3. How to implement POM in selenium python project
4. Practical Hands-On

https://opensource-demo.orangehrmlive.com/

What is POM:

It is a process where we create a class for each page of the application
This page contains the element locators for that page and action methods.

- POM stands for Page Object Model

- Page Object refers to the objects of the web page (section) that our test is interacting with

- In POM we create separate classes for storing all objects and the actions to be taken on that objects

  Locators and methods are kept separate from test scripts

- This helps in
  - maintenance
  - less rework

- better & understandable code
- In case of changes, fix needs to be done at one place only
- avoids duplicate code
- stable and reusable

Step 1 : Create 2 folders : Tests, Pages

Step 2 : Create a simple test

Step 3 : Convert to unit test

Step 4 : Implement Page Object Model
                    Identify all objects and actions methods on the page and create a class for each web page

Step 5 : Import the page classes in the test class

Step 6 : Create object for page classes to access methods and create the tests

Step 7 : Run & Validate

```
# import sys
# import os
# sys.path.append(os.path.join(os.path.dirname(__file__), "..", ".."))
```