Framework Concepts - Properties Files

Purpose of properties files in Selenium Automation is to store Project configuration data like website details, browser etc.

- Demonstrate a Java program which reads the data from a Properties file - <u>Demonstrate here</u>
  - Create a new Java project , package and class
  - Create a package say 'config' , create a file say 'EmployeeDetails.properties' and provide employee details
  - Create an object for the **Properties** class
  - Represent the EmployeeDetails.properties as a file using File class
  - Create an object for FileInputStream and provide the file reference in its constructor
  - Load the object reference of the FileInputStream class using **load()** method of Properties class
  - Retrieve the values from the properties file using the **getProperty()** method of Properties class and print
- Demonstrate a Selenium program, which reads the Project configuration data like website details, browser etc from the Properties file - <u>Demonstrate here</u>
  - Create a new Java project , package and class
  - Create a package say 'config' , create a file say 'WebsiteDetails.properties' under it and provide the details (url,browser,username,password)
  - Create an object for the **Properties** class
  - Represent the WebsiteDetails.properties as a file using File class
  - Create an object for FileInputStream and provide the file reference in its constructor
  - Load the object reference of the FileInputStream class using **load()** method of Properties class
  - Retrieve the values from the properties file using the **getProperty()** method of Properties class and print
  - Write the remaining program in Selenium
- Advantage - Can change the details from a single location (i.e. Properties file), instead of editing them multiple times from individual test scripts.