Framework Concepts - Extent Reports

- Extent Reports are more advanced and good looking reports.
- Follow the below steps for using Extent Reports (Download the Complete Project here)
    - Create a Java project, package and Class
    - Configure the project with Selenium and TestNG Jar files
    - Replace main() method with @Test method and write the Selenium Automation code inside the method - View Code here
    - Create another Class and write the code inside a method for creating and returning Extent Report - Demonstrate here
        - Create another Class say 'ExtentManager' and create any method say getInstance()
        - Create an object for ExtentReports inside the method
        - Configure the project with Extent Reports using extentreports and fremaker jar files - Download Jar files here
        - Create a new Java class and demonstrate converting a date to file Name - Demonstrate here
        - Copy the date to filename conversion code inside the ExtentManager Class
        - Create a folder "reports" under the Project and create a String FilePath for the destination path of the file to be created under reports folder
        - Provide this FilePath as an input for ExtentReports constructor
        - Copy the ReportsConfig.xml file under the Project - Download ReportsConfig.xml file here
        - Load the configuration file inside the ExtentManager Class
        - Add System info inside the ExtentManager Class (This is optional)
        - Return the created report
    - Apply the extent reports to the @Test method - Demonstrate here
        - Call the static getInstance() method inside the ExtentManager Class from @Test method
        - Using the object of ExtentReport to start the Test
        - Using the object of ExtentTest to log the test execution
        - Using the object of ExtentReport to End the Test and flush the test results to the report (Use then inside @AfterMethod method)
    - Fail the automation script intensionally and fail the TestNG report and Extent Report - Demonstrate here