9.Test Suite: Conduct a test suite for any two web sites

1. Create Eclipse Java Project
   a. In Eclipse: Click File → New -> Other → Select **Java Project**
   b. Set Project name **TestSuite.** and select **Use an execution environment** as java1.8,Click finish
   c. **Right-click your project → Build Path → Configure Build Path**
   d. Go to the **Libraries** tab → Click **Add External JARs**
   e. Now Add selenium-server
   f. Click Apply and Save
2. Right Click on src on the project, → New → Class
   a. Set class name **WebsiteTestSuite** and click finish
   b. Add Program

```java
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
public class WebsiteTestSuite {
  public static void main(String[] args) {      WebDriver driver = new ChromeDriver();
    driver.manage().window().maximize();
    try {
      testGoogle(driver);
      testWikipedia(driver);
    } catch (Exception e) {
      System.out.println("Test failed: " + e.getMessage());
    } finally {
      driver.quit();
    }
  }
  public static void testGoogle(WebDriver driver) throws InterruptedException {
    System.out.println("Testing Google...");
    driver.get("https://www.google.com");
    String title = driver.getTitle();
    if (title.contains("Google")) {
      System.out.println(" Google title check passed");
    } else {
      System.out.println(" Google title check failed");
    }
    WebElement searchBox = driver.findElement(By.name("q"));
    searchBox.sendKeys("OpenAI");
    searchBox.submit();
    Thread.sleep(2000); // Wait for results
    if (driver.getPageSource().contains("OpenAI")) {
      System.out.println(" Google search passed");
    } else {
      System.out.println(" Google search failed");
```

```java
        }
    }
    public static void testWikipedia(WebDriver driver) throws InterruptedException {
        System.out.println("Testing Wikipedia...");
        driver.get("https://www.wikipedia.org/");
        String title = driver.getTitle();
        if (title.contains("Wikipedia")) {
            System.out.println(" Wikipedia title check passed");
        } else {
            System.out.println(" Wikipedia title check failed");
        }
        WebElement englishLink = driver.findElement(By.id("js-link-box-en"));
        englishLink.click();
        WebElement searchInput = driver.findElement(By.name("search"));
        searchInput.sendKeys("Selenium");
        searchInput.submit();
        Thread.sleep(2000); // Wait for results
        if (driver.getPageSource().contains("Python")) {
            System.out.println(" Wikipedia search passed");
        } else {
            System.out.println(" Wikipedia search failed");
        }
    }
}
```

Output:- Two websites opened and tested successfully

Output (Console)

Testing Google...
 Google title check passed
 Google search passed
Testing Wikipedia...
 Wikipedia title check passed
 Wikipedia search passed