**Web Login flow using Selenium**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.Assert;

import org.testng.annotations.Test;

public class LoginAutomation {

@Test

public void login() {

System.setProperty("webdriver.chrome.driver", "path of driver");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.awwwards.com/sites/trt-concept");

WebElement username=driver.findElement(By.xpath("//input[@name='\_username']"));

WebElement password=driver.findElement(By.xpath("//input[@name='\_password']"));

WebElement login=driver.findElement(By.xpth("//span[text()='Log in now']"));

username.sendKeys("abc@gmail.com");

password.sendKeys("abc@123");

login.click();

String actualUrl="https://www.awwwards.com/sites/trt-concept";

String expectedUrl= driver.getCurrentUrl();

Assert.assertEquals(expectedUrl,actualUrl);

}

}

**POST API**

public void Login()

{

RestAssured.baseURI =" https://www.awwwards.com/sites/trt-concept ";

RequestSpecification request = RestAssured.given();

JSONObject requestParams = new JSONObject();

requestParams.put("userName", "abc");

requestParams.put("password", "abc@123");

request.body(requestParams.toJSONString());

Response response = request.put("/User");

ResponseBody body = response.getBody();

System.out.println(response.getStatusLine());

System.out.println(body.asString());

}