# User Login with valid and invalid credentials

```java
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class UserLoginTest {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait = new WebDriverWait(driver, 10);

        // Navigate to login page
        driver.get("https://example.com/login");

        // Test valid login
        WebElement username = driver.findElement(By.id("username"));
        WebElement password = driver.findElement(By.id("password"));
        WebElement loginButton = driver.findElement(By.id("loginButton"));

        username.sendKeys("validUser");
        password.sendKeys("validPassword123");
        loginButton.click();

        wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("dashboard")));

        // Validate login success
        assert driver.getCurrentUrl().contains("/dashboard");

        // Test invalid login
        driver.navigate().to("https://example.com/login");
        username = driver.findElement(By.id("username"));
        password = driver.findElement(By.id("password"));
        loginButton = driver.findElement(By.id("loginButton"));

        username.sendKeys("invalidUser");
        password.sendKeys("invalidPassword123");
        loginButton.click();
```

```java
        wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("loginErrorMessage")));

        // Validate login error
        String errorMessage = driver.findElement(By.id("loginErrorMessage")).getText();
        assert errorMessage.contains("Invalid credentials");

        driver.quit();
    }
}
```