

```
package Day1;
```

```
import java.time.Duration;
```

```
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.chrome.ChromeOptions;
```

```
import org.openqa.selenium.support.ui.ExpectedConditions;
```

```
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
public class Testing1 {
```

```
    public static void main(String[] args) {
```

```
        System.setProperty("webdriver.chrome.driver", " C:\\Users\\User\\libery\\chromedriver.exe");
```

```
        ChromeOptions options = new ChromeOptions();
```

```
        options.addArguments("--remote-allow-origins=*");
```

```
        WebDriver driver = new ChromeDriver(options);
```

```
        WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
```

```
    try {
```

```
        // Open the login page
```

```
        driver.get("http://schoolapps.free.nf/login.php");
```

```
        // Wait for the username field and input credentials
```

```
        wait.until(ExpectedConditions.presenceOfElementLocated(By.name("uname")));
```

```
        WebElement usernameField = driver.findElement(By.name("uname"));
```

```
        WebElement passwordField = driver.findElement(By.name("pass"));
```

```
        WebElement roleField = driver.findElement(By.name("role"));
```

```

// Enter login details

usernameField.sendKeys("elasdias");

passwordField.sendKeys("1223");

roleField.sendKeys("Admin"); // Assuming this works as a text input; change if dropdown

// Submit the login form

WebElement loginButton = driver.findElement(By.cssSelector(".btn.btn-primary"));

loginButton.click();

// Validate the redirection to the dashboard

String expectedUrl = "http://schoolapps.free.nf/admin/index.php";

try {

    // Wait until URL contains 'admin/index.php'

    wait.until(ExpectedConditions.urlToBe(expectedUrl));

    // Verify the URL

    String currentUrl = driver.getCurrentUrl();

    if (currentUrl.equals(expectedUrl)) {

        System.out.println("Test Case Passed: Successfully navigated to the dashboard.");

    } else {

        System.out.println("Test Case Failed: Redirected to an unexpected URL: " + currentUrl);

    }

} catch (Exception e) {

    System.out.println("Test Case Failed: Unable to navigate to the dashboard. Error: " +
e.getMessage());

}

} catch (Exception e) {

```

```
        System.out.println("An unexpected error occurred: " + e.getMessage());
    } finally {
        // Close the browser
        driver.quit();
    }
}
}
```