

```
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("elias");
passwordField.sendKeys("123");
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();  
}  
}  
}
```