



01/08

TIPS FOR WRITING GOOD TEST CASES IN SELENIUM ✓





02/08

Use Descriptive Variable Names



```
WebElement e = driver.findElement(By.id("username"));
```



```
WebElement usernameField = driver.findElement(By.id("username"));
```





03/08

Follow Consistent Naming Convention



```
WebElement username_TextField = driver.findElement(By.id("username"));  
WebElement password = driver.findElement(By.id("password"));
```




```
WebElement usernameField = driver.findElement(By.id("username"));  
WebElement passwordField = driver.findElement(By.id("password"));
```






04/08

Avoid duplication



```
driver.findElement(By.id("username")).sendKeys("alphabin@gmail.com");
driver.findElement(By.id("password")).sendKeys("Alphabin@1234");
driver.findElement(By.id("loginButton")).click();
```



```
public void doLogin(String username, String password) {
    WebElement usernameFiled driver.findElement(By.id("username")).sendKeys(username);
    WebElement passwordFiled driver.findElement(By.id("password")).sendKeys(password);
    WebElement loginButton driver.findElement(By.id("loginButton")).click();
}
```

```
doLogin("alphabin@gmail.com", "Alphabin@1234");
```





05/08

Avoid hardcoding values



```
driver.get("https://www.alphabin.co/");
```



```
String baseUrl = "https://www.alphabin.co/";  
driver.get(baseUrl);
```





Document Test cases

```
/**
 * Test case to verify successful login with valid credentials.
 */
@Test
public void successfulLoginTest() {
    // Steps to enter valid credentials
    // Assertion to verify successful login
}
```

Include documentation or comments to explain
the purpose of the test case





07/08

Use meaningful Assertion



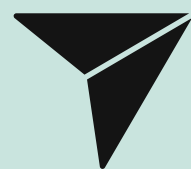
```
Assert.assertTrue(driver.getTitle().contains("Software Testing Company | QA Services | Alphabin"));
```



```
String expectedTitle = "Software Testing Company | QA Services | Alphabin";  
String actualTitle = driver.getTitle();  
Assert.assertEquals(actualTitle, expectedTitle, "Page title mismatch");
```



Was This
Helpful



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