

1.Problem statement:

Use the framework to launch the <https://magento.com/> and Navigate to the login page.

Click on Forgot password and then click on Submit button to validate the error

And also provide mail id as “bala#\$\$” and click on submit to check for validation as well.

Note: Two assertion can be done in single test method.

2. code with comments:

```
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.Properties;
import java.util.concurrent.TimeUnit;

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 MagentoTest {

    public static void main(String[] args) throws IOException {
        // TODO Auto-generated method stub

        FileInputStream file = new
FileInputStream("./TestData/magentodata.properties");
        Properties prop = new Properties();
        prop.load(file);
        String url = prop.getProperty("url");
        String username = prop.getProperty("username");
        String password = prop.getProperty("password");
        System.out.println(url);
        System.out.println(username);
        System.out.println(password);

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();

        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        WebDriverWait wait= new WebDriverWait(driver, 60);
        driver.get(url);

        WebElement
myAccountEle=driver.findElement(By.xpath("//span[text()='Account']/ancestor::a));
```

```

        myAccountEle.click();

        WebElement logoutEle=driver.findElement(By.xpath("//a[text()='Forgot
Your Password?']"));
        logoutEle.click();

        WebElement
submitEle=driver.findElement(By.xpath("//span[text()='Submit']//ancestor::button"));
        submitEle.click();

        wait.until(ExpectedConditions.presenceOfElementLocated(By.partialLinkText("req
uired"))));

        WebElement emailEle=driver.findElement(By.id("email_address"));
        emailEle.sendKeys(username);

        wait.until(ExpectedConditions.presenceOfElementLocated(By.partialLinkText("val
id"))));
    }

}

```

Properties file:

```

url=https://magento.com
username=bala#$$
expectedtitle=My Account

```

3. Explanation of the code:

Used the properties file to enter the values in this data driven framework

4. Result flow in detail:

Used the properties file to enter the values in this data driven framework

5. Output screenshot:

