

M1

```
import java.util.List;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.Keys;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
public class D2M1
```

```
{
```

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

```
{
```

```
System.setProperty("webdriver.chrome.driver",  
"/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");
```

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

```
driver.navigate().to("https://demo.opencart.com");
```

```
String url = driver.getCurrentUrl();
```

```
System.out.println(url);
```

```
String title = driver.getTitle();
```

```
System.out.println(title);
```

```
driver.close();
```

```
//          driver.getCurrentUrl();
//          System.out.println();
//          driver.getTitle();

}

}
```

M2

```
import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;

public class D2M2
{

    public static void main(String[] args) throws InterruptedException
    {

        System.setProperty("webdriver.chrome.driver",
            "/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");
        WebDriver driver = new ChromeDriver();
        driver.navigate().to("https://demo.opencart.com/");
        driver.manage().window().fullscreen();
    }
}
```

```
Thread.sleep(2000);  
WebElement account = driver.findElement(By.xpath("//span[normalize-space()='My Account']"));  
account.click();
```

```
Thread.sleep(2000);  
WebElement logon = driver.findElement(By.xpath("//a[normalize-space()='Login']"));  
logon.click();
```

```
WebElement login = driver.findElement(By.id("input-email"));  
System.out.println(login);
```

```
WebElement password = driver.findElement(By.id("input-password"));
```

```
System.out.println(password);  
}  
}
```

M3

```
import java.util.List;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.Keys;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

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

```

public class D2M4
{
    public static void main(String[] args) throws InterruptedException
    {

        System.setProperty("webdriver.chrome.driver",
            "/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");
        WebDriver driver = new ChromeDriver();
        driver.navigate().to("https://demo.opencart.com/");
        driver.manage().window().fullscreen();

        Thread.sleep(2000);
        WebElement account = driver.findElement(By.xpath("//span[normalize-space()='My Account']"));
        account.click();

        Thread.sleep(2000);
        WebElement register = driver.findElement(By.xpath("//a[@class='dropdown-item'][normalize-space()='Register']"));
        register.click();

        Thread.sleep(10000);
        WebElement fname = driver.findElement(By.name("firstname"));
        System.out.println(fname);

        Thread.sleep(2000);
        WebElement lname = driver.findElement(By.name("lastname"));
    }
}

```

```
System.out.println(lname);
```

```
Thread.sleep(2000);
```

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

```
System.out.println(email);
```

```
Thread.sleep(2000);
```

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

```
System.out.println(password);
```

```
driver.close();
```

```
}
```

```
}
```

M4

```
import java.util.List;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.Keys;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import org.openqa.selenium.interactions.Actions;
```

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

```
public class D2M5
```

```

{
public static void main(String[] args) throws InterruptedException
{

System.setProperty("webdriver.chrome.driver",
"/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");

WebDriver driver = new ChromeDriver();

driver.navigate().to("https://demoqa.com/buttons");

driver.manage().window().fullscreen();


Thread.sleep(2000);

Actions action = new Actions(driver);

WebElement dc = driver.findElement(By.id("doubleClickBtn"));

action.doubleClick(dc).perform();


Thread.sleep(2000);

Actions rc = new Actions(driver);

WebElement rightClick = driver.findElement(By.id("rightClickBtn"));

rc.contextClick(rightClick).perform();


Thread.sleep(2000);

WebElement click = driver.findElement(By.xpath("(//button[normalize-space()='Click Me'])[1]"));

click.click();

}
}

```

M5

```
import java.util.List;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.Keys;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

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

```
public class D2M6
```

```
{
```

```
    public static void main(String[] args) throws InterruptedException
```

```
{
```

```
        System.setProperty("webdriver.chrome.driver",  
        "/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");
```

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

```
        driver.navigate().to("https://demo.opencart.com/");
```

```
        driver.manage().window().maximize();
```

```
        Thread.sleep(2000);
```

```
        driver.get("https://demo.opencart.com/");
```

```
        String actual = "Your Store";
```

```
        if (actual.equals(driver.getTitle()))
```

```
{  
    System.out.println("PASS");  
}  
  
else  
  
{  
    System.out.println("FAIL");  
}  
  
Thread.sleep(2000);  
driver.navigate().to("http://www.facebook.com");  
  
Thread.sleep(2000);  
driver.navigate().back();  
  
Thread.sleep(2000);  
System.out.println(driver.getCurrentUrl());  
  
Thread.sleep(2000);  
driver.navigate().forward();  
  
Thread.sleep(2000);  
driver.navigate().refresh();  
  
Thread.sleep(10000);  
driver.close();  
  
}  
}
```


M6

```
import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;

public class D2M7
{
    public static void main (String [] args) {

        System.setProperty("webdriver.chrome.driver",
            "/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");

        WebDriver driver = new ChromeDriver();

        driver.navigate().to("https://www.flipkart.com/");

        driver.manage().window().maximize();

        //WebElement link =
        driver.findElement(By.xpath("//div[@class='_37M3Pb']//div[1]//a"));

        List<WebElement> links = driver.findElements(By.cssSelector("*`[href]"));

        System.out.println(links.size());

        for (int i = 0 ; i<links.size(); i++)
        {

            System.out.println(links.get(i).getAttribute("href"));
```

```
}  
}  
  
}
```

M8

```
import java.util.List;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.Keys;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

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

```
public class D2M8
```

```
{
```

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

```
        System.setProperty("webdriver.chrome.driver",  
            "/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");
```

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

```
        driver.navigate().to("https://www.ebay.com/");
```

```
        driver.manage().window().fullscreen();
```

```
        Thread.sleep(2000);
```

```
        WebElement search = driver.findElement(By.xpath("//input[@id='gh-ac']"));
```

```

search.sendKeys("Apple");

Thread.sleep(2000);
WebElement category = driver.findElement(By.xpath("//select[@id='gh-cat']"));
category.click();

Thread.sleep(2000);
WebElement dropdown = driver.findElement(By.xpath("//option[@value='11233']"));
dropdown.click();

Thread.sleep(2000);
WebElement submit = driver.findElement(By.xpath("//input[@id='gh-btn']"));
submit.click();

Thread.sleep(2000);
List<WebElement> list = driver.findElements(By.xpath("//div[@class='s-item_title']/span[@role='heading']"));
for (WebElement ls: list) {
    System.out.println(ls.getText());
}
System.out.println(list.size());
//WebElement list = driver.findElement(By.xpath("//ul"));

int n=10;
System.out.println("The "+n+"th product is ");
System.out.println(list.get(n).getText());

```

```

Thread.sleep(5000);

//          driver.close();

}

}

```

M8

```

import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;

public class D2M9
{
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver",
            "/Users/MI20463606/Downloads/chromedriver_mac_arm64/chromedriver");
        WebDriver driver = new ChromeDriver();
        driver.navigate().to("https://jpetstore.aspectran.com/catalog/");
        driver.manage().window().fullscreen();

        Thread.sleep(2000);
    }
}

```

```
WebElement fish =  
driver.findElement(By.xpath("//div[@id='SidebarContent']/a[normalize-  
space()='Fish']"));  
fish.click();
```

```
Thread.sleep(5000);  
WebElement selectFish = driver.findElement(By.xpath("//a[normalize-space()='FI-FW-  
02']"));  
selectFish.click();
```

```
Thread.sleep(10000);  
WebElement item = driver.findElement(By.xpath("//a[normalize-space()='EST-21']"));  
item.click();
```

```
Thread.sleep(5000);  
WebElement addToCart = driver.findElement(By.xpath("//a[@class='button']"));  
addToCart.click();
```

```
WebElement cost = driver.findElement(By.xpath("//tbody//tr//td[6]"));  
System.out.println(cost.getText());
```

```
float i = 5.29f;  
//float u = 81.69f;  
double z=i*81.69;
```

```
System.out.println("The amount is Rs"+z);
```

```
Thread.sleep(5000);  
driver.close();
```

)
)