

## Handle multiple elements

- Find total number of links in webpage

### Program:

## Headless chrome browser

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```
System.setProperty("driver.chrome.driver","chromedriver");
ChromeOptions options = new ChromeOptions();
options.addArguments("headless");
WebDriver driver = new ChromeDriver(options);
```

Where we use headless browser :- Parallel things, Jenkins CICD pipeline

Program :

```
package AdvSel;
```

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

```
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;
```

```
public class MultipleEle {
```

```
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "chromedriver");
```

```
        ChromeOptions options = new ChromeOptions();
        options.addArguments("--headless");
```

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

```
        driver.manage().window().maximize();
        driver.get("https://www.google.co.in/");
```

```
        System.out.println("Current Title1 = " + driver.getTitle());
        List<WebElement> links = driver.findElements(By.xpath("//a"));
        System.out.println("Total Links are = " + links.size());
```

```
        for(int i=0;i<links.size();i++) //0 - 65
        {
            System.out.println(links.get(i).getText());
        }
```

```
        for(int i=0;i<links.size();i++)
        {
            String expStr = "Gmail";
            String actStr = links.get(i).getText();
```

```
        if(expStr.equals(actStr))
        {
            links.get(i).click();
            i=links.size();
            break;
        }
    }

    System.out.println("Current Title2 = " + driver.getTitle());
    driver.close();
}
}
```