

## Practical No.6

**Aim:** Write and test a program to provide total no of objects present /available on the page.

Code:

```
package testing;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.firefox.FirefoxProfile;
import org.openqa.selenium.firefox.ProfilesIni;
import org.openqa.selenium.remote.DesiredCapabilities;
import org.openqa.selenium.support.ui.Select;

public class test
{
    public static void main(String args[])
    {
        System.setProperty("webdriver.gecko.driver", "C://Selenium//geckodriver-v0.21.0-win64//geckodriver.exe");
        WebDriver driver = new FirefoxDriver();
        driver.get("http://toolsqa.wpengine.com/");
        java.util.List<WebElement> links = driver.findElements(By.tagName("a"));
        System.out.println("total links :"+links.size());
        for(int i=0; i<links.size(); i=i+1)
        {
            System.out.println("link"+i+" link name "+ links.get(i).getText());
        }
    }
}
```



Output:

The image shows the Eclipse IDE interface with the console window open. The title bar reads 'eclipse-workspace - pract7/src/pract7/test.java - Eclipse IDE'. The console output shows the execution of a Selenium WebDriver test. It includes log messages from geckodriver, mozrunner, and Marionette, indicating that the browser is running on port 42651 and listening on port 49453. A warning message states that TLS certificate errors will be ignored. The output also shows the detected dialect as W3C and the total number of links as 5. The links are listed as follows: link=0 (Name: add this domain to your install), link=1 (Name: IP address), link=2 (Name: CNAME), link=3 (Name: contact us), and link=4 (Name: ). The Eclipse IDE interface includes a menu bar (File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help) and a toolbar with various icons for file operations and debugging.