ParkingCalculator.java

```
package com.mysite.selenium;

import org.junit.*;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class ParkingCalculator {
    WebDriver driver = new ChromeDriver();
    String baseUrl = "http://adam.goucher.ca/parkcalc/";

    @Before
    public void setup() {
        driver.get(baseUrl);
    }

    @After
    public void teardown() {
        driver.close();
    }
}
```

ParkingCalculatorHomepage.java

```
package com.mysite.selenium;

import org.openqa.selenium.*;
import org.junit.*;

import java.util.List;

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

public class ParkingCalculatorHomepage extends ParkingCalculator {

    @Test
    public void page_title_check() {
        String expectedTitle = "Parking Calculator";
        String actualTitle = driver.getTitle();
        Assert.assertEquals(actualTitle, expectedTitle);
    }

    @Test
    public void page_elements_present() {
        String[] elementListID = {"Lot", "EntryTime", "ExitTime",
"EntryDate", "ExitDate"};

        String[] elementListName = {"Submit", "EntryTimeAMPM",
"ExitTimeAMPM", "Submit"};

        for (int i = 0; i < elementListID.length; i++) {

Assert.assertTrue(driver.findElements(By.id(elementListID[i])).size(
) > 0);
        }

        for (int i = 0; i < elementListName.length; i++) {

Assert.assertTrue(driver.findElements(By.name(elementListName[i])).s
ize() > 0);
        }
    }

    @Test
    public void lot_dropdown_content_check() {
        String[] expectedDropDownValues = {"Short-Term Parking",
                "Economy Parking",
                "Long-Term Surface Parking",
                "Long-Term Garage Parking",
                "Valet Parking"};

        WebElement dropDownListBox =
driver.findElement(By.id("Lot"));

        Select dropDown = new Select(dropDownListBox);
```

```
        List<WebElement> options = dropDown.getOptions();

        for (WebElement we : options) {
            boolean match = false;
            for (int i = 0; i < expectedDropDownValues.length; i++)
{
                if (we.getText().equals(expectedDropDownValues[i]))
{
                    match = true;
                }
            }
            Assert.assertTrue(match);
        }
    }
}
```