**Assignment 1**

1.Download and Launch the "dropdown.html" file .

Graphical user interface, text, application

Description automatically generated

File got saved on local system.

Graphical user interface, application, Word

Description automatically generated

2.Select date 05-05-2005 from the dropdown and validate the same.

Text

Description automatically generated

RAW CODE

<-------------------------------------------------------------------------------------------------------------------------------------->

import org.openqa.selenium.By;   
import org.openqa.selenium.WebElement;   
import org.openqa.selenium.chrome.ChromeDriver;   
import org.openqa.selenium.support.ui.Select;   
   
   
public class SampleProject {   
    public static void main(String args[]) throws InterruptedException {   
        System.*setProperty*("webdriver.chrome.driver","C:\\browserdrivers\\chromedriver.exe");   
        ChromeDriver driver = new ChromeDriver();   
        driver.get("file:///C:/Users/pr.verma1/Downloads/Dropdown.html");   
        driver.manage().window().maximize();   
        WebElement down = driver.findElement(By.*name*("dob-day"));   
        Select select =  new Select(down);   
        select.selectByValue("05");   
        Thread.*sleep*(2000);   
        WebElement ddwon = driver.findElement(By.*name*("dob-month"));   
        Select  seelect = new Select(ddwon);   
        seelect.selectByValue("05");   
        Thread.*sleep*(2000);   
        WebElement dddown = driver.findElement(By.*name*("dob-year"));   
        Select seeelect = new Select(dddown);   
        seeelect.selectByValue("2005");

<-------------------------------------------------------------------------------------->

OUTPUT WINDOW

Graphical user interface

Description automatically generated with medium confidence

3. Fetch the year from the dropdown and validate the year is in Ascending Order.

Text

Description automatically generated

RAW CODE

import org.openqa.selenium.By;   
import org.openqa.selenium.WebElement;   
import org.openqa.selenium.chrome.ChromeDriver;   
import org.openqa.selenium.support.ui.Select;   
import java.util.ArrayList;   
import java.util.Collections;   
import java.util.List;   
public class SampleProject {   
    public static void main(String args[]) throws InterruptedException {   
        System.*setProperty*("webdriver.chrome.driver","C:\\browserdrivers\\chromedriver.exe");   
        ChromeDriver driver = new ChromeDriver();   
        driver.get("file:///C:/Users/pr.verma1/Downloads/Dropdown.html");   
        Select tool = new Select(driver.findElement(By.*name*("dob-year")));   
        List actuallist = new ArrayList();   
        List<WebElement> mytools = tool.getOptions();   
        for (WebElement ele:mytools){   
           String data = ele.getText();   
          actuallist.add(data);   
        }   
   
        List temp = new ArrayList();   
        temp.addAll(actuallist);   
   
        Collections.*sort*(temp);   
   
        for(int i=0;i<temp.size();i++){   
            System.*out*.println(temp.get(i));   
        }

OUTPUT WINDOW

Graphical user interface, text, application

Description automatically generated