

Q1)Textsize

Basetest.java

```
package object;

import java.sql.Driver;

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.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.testng.annotations.BeforeSuite;

public class basetest {
    public WebDriver Driver;
    @BeforeSuite
    public void beforeSuite() {
        System.setProperty("webdriver.chrome.driver", "./chrome/chromedriver.exe");
        Driver=new ChromeDriver();
        Driver.navigate().to(" https://selenium-apps.doselect.in/change-text/");

        Driver.manage().window().maximize();
    }
}
```

Obj.java

```
package object;

import org.openqa.selenium.support.PageFactory;
import org.testng.annotations.Test;
import page.homepage;

public class obj extends basetest {
    @Test(description="click bigger button using id")
    public void f() throws Exception {
        homepage hp=PageFactory.initElements(Driver, homepage.class);
        hp.clickbig();
        Thread.sleep(2000);
    }
    @Test(description="click smaller button using id")
    public void f1() throws Exception {
        homepage hp=PageFactory.initElements(Driver, homepage.class);
        hp.clicksmall();
        Thread.sleep(2000);
    }
}
```

```

}
@Test(description="click reset button using id")
public void f3() throws Exception {
    homepage hp=PageFactory.initElements(Driver, homepage.class);
    hp.clickreset();
    Thread.sleep(2000);
}
@Test(description="click bigger button using xpath")
public void f4() throws Exception {
    homepage hp=PageFactory.initElements(Driver, homepage.class);
    hp.clickxbig();
    Thread.sleep(2000);
}
@Test(description="click smaller button using xpath")
public void f5() throws Exception {
    homepage hp=PageFactory.initElements(Driver, homepage.class);
    hp.clickxsmall();
    Thread.sleep(2000);
}
@Test(description="click reset button using xpath")
public void f6() throws Exception {
    homepage hp=PageFactory.initElements(Driver, homepage.class);
    hp.clickxreset();
    Thread.sleep(2000);
}
}
}

```

Homepage.java

```

package page;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.testng.annotations.Test;

public class homepage {
    public WebDriver Driver;
    public homepage(WebDriver Driver)
    {
        this.Driver=Driver;
    }
    @FindBy(id="bigger") WebElement bigger;
    @FindBy(id="smaller") WebElement smaller;
}

```

```

@FindBy(id="reset") WebElement reset;
@FindBy(xpath="//*[@id=\"bigger\"]") WebElement xbigger;
@FindBy(xpath="//*[@id=\"smaller\"]") WebElement xsmall;
@FindBy(xpath="//*[@id=\"reset\"]") WebElement xreset;
public void clickbig()
{
    bigger.click();
}
public void clicksmal()
{
    smaller.click();
}
public void clickreset()
{
    reset.click();
}
public void clickxbig()
{
    xbigger.click();
}
public void clickxsmall()
{
    xsmall.click();
}
public void clickxreset()
{
    xreset.click();
}
}

```

Q2)Calculator

Cal_basetest.java

```

package obj;

import org.testng.annotations.Test;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.BeforeSuite;

```

```

public class cal_basetest {
    public WebDriver Driver;
    @BeforeSuite
    public void beforeSuite() {
        System.setProperty("webdriver.chrome.driver","./chrome/chromedriver.exe");
        Driver=new ChromeDriver();
        Driver.navigate().to(" https://selenium-apps.doselect.in/age-calculator/");

        Driver.manage().window().maximize();
    }
}

```

```

}

```

Cal_obj.java

```

package obj;

```

```

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.PageFactory;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

```

```

import page.cal_page;

```

```

public class cal_obj extends cal_basetest
{

```

```

    @Test(description="Test case to enter date using id")
    public void f1() throws Exception {
        cal_page cp=PageFactory.initElements(Driver, cal_page.class);
        cp.date();
        Thread.sleep(1000);
    }

```

```

    @Test(description="Test case to click calculate using id")
    public void f2() throws Exception {
        cal_page cp=PageFactory.initElements(Driver, cal_page.class);
        cp.cal();
        Thread.sleep(2000);
    }

```

```

    @Test(description="Test case to enter date using xpath")
    public void f3() throws Exception {
        cal_page cp=PageFactory.initElements(Driver, cal_page.class);

```

```

        cp.xdate();
        Thread.sleep(1000);
    }
    @Test(description="Test case to click calculate using xpath")
    public void f4() throws Exception {
        cal_page cp=PageFactory.initElements(Driver, cal_page.class);
        cp.xcal();
        Thread.sleep(1000);
    }
}

```

```

}

```

Cal_page.java

```

package page;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.testng.annotations.Test;

public class cal_page {
    public WebDriver Driver;
    public cal_page(WebDriver Driver)
    {
        this.Driver=Driver;
    }
    @FindBy(id="birth_date") WebElement bdate;
    @FindBy(id="calculate") WebElement calculate;
    @FindBy(xpath="//*[@id=\"birth_date\"]") WebElement xbdate;
    @FindBy(xpath="//*[@id=\"calculate\"]") WebElement xcalculate;

    public void date()
    {
        bdate.sendKeys("01/12/1998");
    }
    public void cal()
    {
        calculate.click();
    }
    public void xdate()
    {
        String s="02/26/2000";
    }
}

```

```
        xbddate.sendKeys(s);
    }
    public void xcal()
    {
        xcalculate.click();
    }
}
```