```java
package coverFoxPOM;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;

public class CoverFoxHomePage
{

        //1. variables-->WebElements
        @FindBy(xpath = "//div[text()='Male']") private WebElement gender;



        //2. constructor
        public CoverFoxHomePage(WebDriver driver)
        {
                PageFactory.initElements(driver, this);
        }


        //3. methods
        public void clickOnGender()
        {
                gender.click();
        }

}
```

```java
package coverFoxPOM;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
```

```java
import org.openqa.selenium.support.PageFactory;

public class CoverFoxHealthPlanPage

{
//variables-->WebElements

        @FindBy(className = "next-btn") private WebElement nextButton;

//constructor

        public CoverFoxHealthPlanPage(WebDriver driver)

        {

                PageFactory.initElements(driver, this);

        }

//methods

        public void clickOnNextButtonHealthPlanPage()

        {

                nextButton.click();

        }

}
```

```java
package coverFoxPOM;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

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

```java
public class CoverFoxMemberDetailsPage {

        //variables
        @FindBy(name = "You") private WebElement ageDropDown;
        @FindBy(className = "next-btn") private WebElement nextButton;


        //constructor
        public CoverFoxMemberDetailsPage(WebDriver driver)
        {
                PageFactory.initElements(driver, this);
        }


        //methods
        public void handleAgeDropDown(String age)
        {
                Select selectAge= new Select(ageDropDown);
                selectAge.selectByValue(age+"y");
        }


        public void clickOnNextButtonOfMemberDetailsPage()
        {
                nextButton.click();
        }
}

package coverFoxPOM;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
```

```java
public class CoverFoxAddressDetailsPage {

        @FindBy(className = "mp-input-text")
        private WebElement pinCodeFiled;
        @FindBy(id = "want-expert")
        private WebElement mobileNumberField;
        @FindBy(xpath = "//div[text()='Continue']")
        private WebElement continueButton;

        public CoverFoxAddressDetailsPage(WebDriver driver) {
                PageFactory.initElements(driver, this);
        }

        public void enterPinCode(String pinCode) {
                pinCodeFiled.sendKeys(pinCode);
        }

        public void enterMobileNumber(String mobileNumber) {
                mobileNumberField.sendKeys(mobileNumber);
        }

        public void clickOnContinueButton() {
                continueButton.click();
        }

}
```

package coverFoxPOM;

import java.util.List;

```java
import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;


public class CoverFoxResultPage {


    @FindBy(xpath = "//div[contains(text(),'matching')]") private WebElement planResult;

    @FindBy(className = "plan-card-container") private List<WebElement> planCards;



    public CoverFoxResultPage(WebDriver driver)

    {

        PageFactory.initElements(driver, this);

    }


    public void validatePlans() throws InterruptedException

    {

        String result = planResult.getText();

        String[] result1 = result.split(" ");

        //48 matching Health Insurance Plans

        int resultInNumber = Integer.parseInt(result1[0]);

        Thread.sleep(8000);

        int totalPlans = planCards.size();

        if(totalPlans==resultInNumber)

        {

            System.out.println("TC is passed");

        }

        else {

            System.out.println("TC is failed");

        }
```

```
        }

}
```

```java
package coverFoxPOM;

import java.time.Duration;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

public class CoverFoxTest {

    public static void main(String[] args) throws InterruptedException {
        ChromeOptions options= new ChromeOptions();
        options.addArguments("disable-notifications");
        WebDriver driver= new ChromeDriver(options);
        driver.manage().window().maximize();
        driver.get("https://www.coverfox.com/");
        driver.manage().timeouts().implicitlyWait(Duration.ofMillis(3000));
        //create an object of Homepage
        CoverFoxHomePage home= new CoverFoxHomePage(driver);
        home.clickOnGender();

        //create an object Of leathPlan page
        CoverFoxHealthPlanPage healthPlan= new
CoverFoxHealthPlanPage(driver);
        healthPlan.clickOnNextButtonHealthPlanPage();

        //create an object Of member detials page
        CoverFoxMemberDetailsPage memberDetails= new
CoverFoxMemberDetailsPage(driver);
        memberDetails.handleAgeDropDown("36");
```

```java
		memberDetails.clickOnNextButtonOfMemberDetailsPage();


		//create an object Of address detials page

		CoverFoxAddressDetailsPage addressDetails= new
CoverFoxAddressDetailsPage(driver);

		addressDetails.enterPinCode("411046");

		addressDetails.enterMobileNumber("9999999999");

		addressDetails.clickOnContinueButton();

		Thread.sleep(4000);

		//create an object of result page

		CoverFoxResultPage resultPage= new CoverFoxResultPage(driver);

		resultPage.validatePlans();


		//driver.close();



	}


}
```