**package** StepDefinitions;

**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.ui.Select;

**import** io.cucumber.java.en.Given;

**public** **class** Assessment {

@Given("User enters required details for loan")

**public** **void** FillRequireFields() **throws** InterruptedException{

System.*setProperty*("webdriver.chrome.driver","C://Users//Malathi Polineni//OneDrive//Desktop//API\_Folder//chromedriver\_win32//chromedriver.exe");

WebDriver driver=**new** ChromeDriver();

driver.get("https://www.anz.com.au/personal/home-loans/calculators-tools/much-borrow/");

driver.findElement(By.*xpath*("//\*[contains(text(),'Single')]")).click();

String ApplicationType=driver.findElement(By.*xpath*("//\*[contains(text(),'Single')]")).getText();

**if**(ApplicationType.contains("Single")){

System.***out***.println("Application Type Validation is pass");

}

**else**{

System.***out***.println("Application Type Validation is fail");

}

WebElement p=driver.findElement(By.*xpath*("//\*[@title='Number of dependants']"));

Select sel= **new** Select(p);

sel.selectByVisibleText("0");

String Dependants=driver.findElement(By.*xpath*("//\*[@title='Number of dependants']/option")).getText();

**if**(Dependants.contains("0")){

System.***out***.println("0 dependants selected successfully");

}

**else**{

System.***out***.println("0 dependants not selected successfully");

}

driver.findElement(By.*xpath*("//\*[contains(text(),'Home to live in')]")).click();

String HometoLivein=driver.findElement(By.*xpath*("//\*[contains(text(),'Home to live in')]")).getText();

**if**(HometoLivein.contains("Home to live in")){

System.***out***.println("Home to live in selected successfully");

}

**else**{

System.***out***.println("Home to live in selected successfully");

}

driver.findElement(By.*xpath*("//\*[text()='Your annual income (before tax)']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).clear();

driver.findElement(By.*xpath*("//\*[text()='Your annual income (before tax)']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("80000");

driver.findElement(By.*xpath*("//\*[text()='Your annual other income (optional)']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).clear();

driver.findElement(By.*xpath*("//\*[text()='Your annual other income (optional)']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("10000");

driver.findElement(By.*xpath*("//\*[text()='Monthly living expenses ']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).clear();

driver.findElement(By.*xpath*("//\*[text()='Monthly living expenses ']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("500");

driver.findElement(By.*xpath*("//\*[contains(text(),'Current home loan monthly')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).clear();

driver.findElement(By.*xpath*("//\*[contains(text(),'Current home loan monthly')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("0");

driver.findElement(By.*xpath*("//\*[contains(text(),'Other loan monthly repayments')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).clear();

driver.findElement(By.*xpath*("//\*[contains(text(),'Other loan monthly repayments')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("100");

driver.findElement(By.*xpath*("//\*[contains(text(),'Other monthly commitments')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).clear();

driver.findElement(By.*xpath*("//\*[contains(text(),'Other monthly commitments')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("0");

driver.findElement(By.*xpath*("//\*[contains(text(),'Total credit card limits')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).clear();

driver.findElement(By.*xpath*("//\*[contains(text(),'Total credit card limits')]/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("10000");

driver.findElement(By.*xpath*("//\*[contains(text(),'Work out how much I could borrow')]")).click();

String value=driver.findElement(By.*xpath*("//\*[@id='borrowResultTextAmount']")).getText();

System.***out***.println("Estimate barrow amount" +value);

**if**(value.contains("$479,000"))

{

System.***out***.println("Barrow estimate validation is pass");

}

**else**

{

System.***out***.println("Barrow estimate validation is fail");

}

driver.findElement(By.*xpath*("//\*[@class='result\_\_restart']//\*[@aria-label='Start over']")).click();

String clearcheck=driver.findElement(By.*xpath*("//\*[text()='Monthly living expenses ']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).getAttribute("value");

**if**(clearcheck.contains("0")){

System.***out***.println("Start over button cleared the form successfully");

}

**else**

{

System.***out***.println("Start over button is not cleared the form ");

}

driver.findElement(By.*xpath*("//\*[text()='Monthly living expenses ']/following-sibling::div[@class='input\_\_wrapper']//\*[@class='currency']/following-sibling::input")).sendKeys("1");

driver.findElement(By.*xpath*("//\*[contains(text(),'Work out how much I could borrow')]")).click();

Thread.*sleep*(3000);

String warningmessage=driver.findElement(By.*xpath*("//\*[@id='borrowResultTextAmount']")).getText();

**if**(warningmessage.contains("Based on the details you've entered, we're unable to give you an estimate of your borrowing power with this calculator. For questions, call us on ")){

System.***out***.println("Validation done successfully after startover");

}

**else**

{

System.***out***.println("Validation not done successfully after start over");

}

}

}