1**) CrossBrowser Program**

package pom\_PageObjectModel;

import java.util.Scanner;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class CrossBrowser {

public static void main(String[] args)throws Exception

{

/\*System.setProperty("webdriver.chrome.driver","E:\\chromedriver\\chromedriver11.exe");

WebDriver driver=new ChromeDriver();

Thread.sleep(1000);\*/

Scanner s=new Scanner(System.in);

System.out.println("Details: \n Enter 1 for Mozilla Firefox,\n Enter 2 for Google Chrome ");

int choice=s.nextInt();

WebDriver driver =null;

Thread.sleep(2000);

switch(choice)

{

case 1:

System.out.println("\*\*\*\*\*WELCOME TO MOZILLA FIREFOX\*\*\*\*\*");

System.setProperty("webdriver.gecko.driver","E:\\geckodriver\\geckodriver.exe");

driver=new FirefoxDriver();

break;

case 2:

System.out.println("\*\*\*\*\*WELCOME TO GOOGLE CHROME\*\*\*\*\*");

System.setProperty("webdriver.chrome.driver","E:\\chromedriver\\chromedriver11.exe");

driver=new ChromeDriver();

break;

default:

System.out.println("Invalid Selection...");

}

//Create Object of POM Class

OrangeHRM o=new OrangeHRM();

//Calling Methods

o.maximizeBrowser(driver);

o.url(driver);

o.loginButton(driver);

o.userName(driver,"Admin");

o.passWord(driver,"admin123");

Thread.sleep(2000);

o.loginButton(driver);

Thread.sleep(2000);

o.welcomeButton(driver);

Thread.sleep(2000);

// o.logoutButton(driver);

o.closeBrowser(driver);

}

}

2) **FA\_MainClass Program:-**

**package** pom\_PageObjectModel;

**import** org.openqa.selenium.WebDriver;

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

**public** **class** FA\_MainClass {

**public** **static** **void** main(String[] args)**throws** Exception

{

System.*setProperty*("webdriver.chrome.driver","E:\\chromedriver\\chromedriver92.exe");

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

Thread.*sleep*(2000);

//Create Object of POM Class

FA f=**new** FA();

//Calling Methods

f.maximizeBrowser(driver);

f.url(driver);

f.userName(driver,"frontuser1");

Thread.*sleep*(2000);

f.passWord(driver,"frontuser1");

f.selectCompany(driver);

Thread.*sleep*(2000);

f.loginButton(driver);

f.purchase(driver);

Thread.*sleep*(2000);

f.itemInventory(driver);

f.logoutButton(driver);

Thread.*sleep*(2000);

f.closeBrowser(driver);

}

}

**3) FA Program:-**

package pom\_PageObjectModel;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

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

public class FA

{

public void maximizeBrowser(WebDriver driver)

{

driver.manage().window().maximize();

}

public void url(WebDriver driver)

{

driver.get("http://frontaccounting.squadinfotech.in/");

}

public void userName(WebDriver driver,String usn)

{

driver.findElement(By.xpath("//\*[@id=\"\_page\_body\"]/form/center[1]/table/tbody/tr[3]/td[2]/input")).sendKeys(usn);

}

public void passWord(WebDriver driver,String pwd)

{

driver.findElement(By.xpath("//\*[@id=\"\_page\_body\"]/form/center[1]/table/tbody/tr[4]/td[2]/input")).sendKeys(pwd);

}

public void loginButton(WebDriver driver)

{

driver.findElement(By.xpath("//\*[@id=\"\_page\_body\"]/form/center[2]/input")).click();

}

public void selectCompany(WebDriver driver)

{

Select s=new Select(driver.findElement(By.xpath("//\*[@id=\"\_page\_body\"]/form/center[1]/table/tbody/tr[5]/td[2]/select")));

s.selectByIndex(3);

}

public void purchase(WebDriver driver)

{

driver.findElement(By.xpath("/html/body/table[1]/tbody/tr/td/table[1]/tbody/tr/td/table[1]/tbody/tr/td/div/a[2]")).click();

}

public void itemInventory(WebDriver driver)

{

driver.findElement(By.xpath("/html/body/table[1]/tbody/tr/td/table[1]/tbody/tr/td/table[1]/tbody/tr/td/div/a[3]")).click();

}

public void logoutButton(WebDriver driver)

{

driver.findElement(By.xpath("/html/body/table[1]/tbody/tr/td/table[1]/tbody/tr/td/table/tbody/tr/td/table[2]/tbody/tr[1]/td[3]/a[5]/img")).click();

}

public void closeBrowser(WebDriver driver)

{

driver.close();

}

}

**4) OrangeHRM\_MainClass Program:-**

package pom\_PageObjectModel;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class OrangeHRM\_MainClass {

public static void main(String[] args)throws Exception

{

System.setProperty("webdriver.chrome.driver","E:\\chromedriver\\chromedriver11.exe");

WebDriver driver=new ChromeDriver();

Thread.sleep(1000);

//Create object of POM Class

OrangeHRM o=new OrangeHRM();

//Calling Methods

o.maximizeBrowser(driver);

o.url(driver);

o.loginButton(driver);

o.userName(driver,"Admin");

o.passWord(driver,"admin123");

o.loginButton(driver);

o.welcomeButton(driver);

// o.logoutButton(driver);

o.closeBrowser(driver);

}

}

**5) OrangeHRM Program:-**

package pom\_PageObjectModel;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

public class OrangeHRM {

public void maximizeBrowser(WebDriver driver)

{

driver.manage().window().maximize();

}

public void url(WebDriver driver)

{

driver.get("https://opensource-demo.orangehrmlive.com/");

}

public void userName(WebDriver driver,String usn)

{

driver.findElement(By.xpath("//\*[@id='txtUsername']")).sendKeys("usn");

}

public void passWord(WebDriver driver,String pwd)

{

driver.findElement(By.xpath("//\*[@id='txtPassword']")).sendKeys("pwd");

}

public void loginButton(WebDriver driver)

{

driver.findElement(By.xpath("//\*[@id='btnLogin']")).click();

}

public void welcomeButton(WebDriver driver)

{

driver.findElement(By.xpath("//\*[@id='welcome']")).click();

}

/\* public void logoutButton(WebDriver driver)

{

driver.findElement(By.xpath("//\*[@id='welcome-menu']/ul/li[3]/a")).click();

} \*/

public void closeBrowser(WebDriver driver)

{

driver.close();

}

}