Ex-32:

write script to find number of frames in a page and to read each frame name

// initialize browser

System.setProperty("webdriver.chrome.driver", "D:\\SelResource\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("https://www.selenium.dev/selenium/docs/api/java/index.html");

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

//to find no. of frames in a page

List<WebElement> frames=driver.findElements(By.tagName("frame"));

System.out.println("Number of Frames are: "+frames.size());

for(WebElement frame: frames) {

System.out.println(frame.getAttribute("name"));

}

-----------------------------------------------------------------------------

Ex-33:

write script to click on "org.openqa.selenium" link which is exist in a frame

// initialize browser

System.setProperty("webdriver.chrome.driver", "D:\\SelResource\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("https://www.selenium.dev/selenium/docs/api/java/index.html");

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

//to switch to frame

driver.switchTo().frame("classFrame");

//to click on link "org.openqa.selenium"

driver.findElement(By.linkText("org.openqa.selenium")).click();

--------------------------------------------------------------------------------

Ex-34:

Develop ATS to perform login transaction in hdfc bank application

Procedure:

step 1: launch FF browser

Step 2: navigate to url :https://netbanking.hdfcbank.com

Step 3: click on "Continue" button

Step 4: read msg from popup

step 5: close popup

Step 6: enter customer id as "123456"

// initialize browser

System.setProperty("webdriver.chrome.driver", "D:\\SelResource\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("https://netbanking.hdfcbank.com");

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

driver.switchTo().frame("login\_page");

//to click on "continue"

driver.findElement(By.xpath("//img[@alt='continue']")).click();

//to read msg from popup

String eMsg=driver.switchTo().alert().getText();

System.out.println(eMsg);

//to close popup

driver.switchTo().alert().accept();

//to enter customer id

driver.findElement(By.name("fldLoginUserId")).sendKeys("123456");

---------------------------------------------------------------------------------

Ex-35:

write script to read each window title while navigating multiple windows in Gmail

// initialize browser

System.setProperty("webdriver.chrome.driver", "D:\\SelResource\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("http://gmail.com");

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

//to read page title

String pgTitle1=driver.getTitle();

System.out.println(pgTitle1);

//to click on "Help"

driver.findElement(By.linkText("Help")).click();

Thread.sleep(4000);

//to get all the opened window handles

Set<String> pgHandles= driver.getWindowHandles();

//to read values from Set class

Iterator<String> winHandles=pgHandles.iterator();

String w1=winHandles.next();

String w2=winHandles.next();

//to focus on 2nd window

driver.switchTo().window(w2);

String pgTitle2=driver.getTitle();

System.out.println(pgTitle2);

------------------------------------------------------------------------------

Ex-36: write script to select 3rd option in Google search after enter

"Selenium" in search box without using locator value for that option

Script:

// initialize browser

System.setProperty("webdriver.chrome.driver", "D:\\SelResource\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("http://google.co.in");

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

//create reference object for Search editbox

WebElement txtSearch=driver.findElement(By.name("q"));

//to enter Selenium

txtSearch.sendKeys("selenium");

Thread.sleep(4000);

txtSearch.sendKeys(Keys.ARROW\_DOWN);

Thread.sleep(3000);

txtSearch.sendKeys(Keys.ARROW\_DOWN);

Thread.sleep(3000);

txtSearch.sendKeys(Keys.ARROW\_DOWN);

Thread.sleep(3000);

txtSearch.sendKeys(Keys.ENTER);

==============================================================================