Ex-12: write script to select "March" in "Month" dropdown at FB-Home page,

if other than "March" exist in dropdown

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

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

//to read value which is selected in "Month" dropdown

Select listMonth=new Select(driver.findElement(By.id("month")));

String monthName=listMonth.getFirstSelectedOption().getText();

System.out.println(monthName);

if(monthName.equalsIgnoreCase("Mar")) {

System.out.println("Expected month exist");

}

else {

System.out.println("WD selected required month");

listMonth.selectByVisibleText("Mar");

}

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

Ex-13:

write script to find number of options in "Year" dropdown and print

those values in Console from FB-home page

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

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

Select listYear=new Select(driver.findElement(By.name("birthday\_year")));

//to collect all the options info. from dropdown

List<WebElement> options= listYear.getOptions();

System.out.println("Number of values are: "+options.size());

for(WebElement option : options) {

//to read each option visibletext

System.out.println(option.getText());

}

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

\*\*Ex-14:

write script to select given country name in "Country" dropdown at Mercury Tours

application

Scanner sc= new Scanner(System.in);

System.out.println("Enter required Country name");

String myCountry=sc.nextLine();

boolean myStatus= false;

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("http://newtours.demoaut.com");

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

//to click on "REGISTER" link

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

//to configure "Country" dropdown to Select class

Select listCountry=new Select(driver.findElement(By.name("country")));

//to read all the options from dropdown

List<WebElement> options= listCountry.getOptions();

for(WebElement option: options) {

String actCountry=option.getText().trim();

if(actCountry.equalsIgnoreCase(myCountry)) {

//to select country

listCountry.selectByVisibleText(actCountry);

System.out.println("Expected country name exist");

myStatus= true;

break;

}

}

if(myStatus==false) {

System.out.println("Expected country name doesn't exist");

}

Ex-15:

Write script to select given year in "Year" dropdown at FB-Home page

Scanner sc= new Scanner(System.in);

System.out.println("Enter required year");

String expYear=sc.nextLine();

boolean myStatus= false;

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

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

Select listYear=new Select(driver.findElement(By.name("birthday\_year")));

//to collect all the options info. from dropdown

List<WebElement> options= listYear.getOptions();

for(WebElement option : options) {

String actYear=option.getText();

if(actYear.equals(expYear)) {

System.out.println("Expected year exist");

listYear.selectByVisibleText(actYear);

myStatus= true;

break;

}

}

if(myStatus == false) {

System.out.println("Expected year doesn't exist");

}

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

Ex-16:

write script to find number of links in rediffmail homepage and print

those links in console

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

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

//to collect all the links info from the page

List<WebElement> links= driver.findElements(By.tagName("a"));

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

for(WebElement link : links) {

System.out.println(link.getText());

}

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

Ex-17:

Write script to find number of language links in www.google.co.in

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

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

//create reference object for language links parent object

WebElement myLanguages=driver.findElement(By.id("SIvCob"));

//to collect all the language links info. from specific area in a page

List<WebElement> links= myLanguages.findElements(By.tagName("a"));

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

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

Ex-18:

Write program to read data from 2nd row of 3rd column from Web table

url: https://www.w3schools.com/html/html\_tables.asp

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("https://www.w3schools.com/html/html\_tables.asp");

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

//to read 2nd row 3rd column cell data

String cellData=driver.findElement(By.xpath("//\*[@id='customers']/tbody/tr[2]/td[3]")).getText();

System.out.println(cellData);

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

Ex-19:

Write script to read all the cell values from WebTable

Procedure-1:

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("https://www.w3schools.com/html/html\_tables.asp");

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

//create reference object for WebTable

WebElement myTable=driver.findElement(By.id("customers"));

List<WebElement> trs=myTable.findElements(By.tagName("tr"));

System.out.println("Number of rows are: "+trs.size());

//to find no. of tds in each tr

for(WebElement tr : trs) {

List<WebElement> tds=tr.findElements(By.tagName("td"));

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

for(WebElement td : tds) {

System.out.println(td.getText()+" ");

}

System.out.println();

}

Procedure-2

//To initialize browser

System.setProperty("webdriver.chrome.driver", "./Drivers//chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("https://www.w3schools.com/html/html\_tables.asp");

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

//create reference object for WebTable

WebElement myTable=driver.findElement(By.id("customers"));

List<WebElement> tds=myTable.findElements(By.tagName("td"));

for(WebElement td : tds) {

System.out.println(td.getText());

}