WEEK 2

```java
package CMRIT.CMRIT_Assignment;
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.interactions.Actions;
public class MercuryTour_Registration {
public static void main(String[] args) throws InterruptedException
{
System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chro
medriver.exe");
WebDriver driver = new ChromeDriver();
driver.manage().window().maximize();
driver.get("https://www.mercurytravels.co.in/");
Thread.sleep(2000);
Actions builder = new Actions(driver);
WebElement customerLogin =
driver.findElement(By.xpath("(//a[@class='dropdown-toggle'][normalize-
space()='Customer Login'])[2]"));
builder.moveToElement(customerLogin).perform();
WebElement register = driver.findElement(By.xpath("(//a[@href='#'][normalize-
space()='Register'])[2]"));
register.click();
Thread.sleep(2000);
WebElement firstName =
driver.findElement(By.xpath("(//input[@id='acc_first_name'])[1]"));
firstName.sendKeys("ashu");
WebElement lastName =
driver.findElement(By.xpath("(//input[@id='acc_last_name'])[1]"));
lastName.sendKeys("kamatam");
WebElement emailId =
driver.findElement(By.xpath("(//input[@id='acc_user_email'])[1]"));
emailId.sendKeys("akulasnashwini559@gmail.com");
WebElement setPassword =
driver.findElement(By.xpath("(//input[@id='acc_user_password'])[1]"));
setPassword.sendKeys("ashu123");
WebElement confirmPassword =
driver.findElement(By.xpath("(//input[@id='acc_user_passconf'])[1]"));
confirmPassword.sendKeys("ashu123");
WebElement mobileNumber =
driver.findElement(By.xpath("(//input[@id='acc_mobile_no'])[1]"));
mobileNumber.sendKeys("6305901106");
WebElement registerBtn = driver.findElement(By.xpath("(//button[normalize-
space()='Register'])[1]"));
registerBtn.click();
Thread.sleep(5000);
driver.close();
}
}
```

WEEK 3

```java
package CMRIT.CMRIT_Assignment;
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;
public class Facebook {
public static void main(String[] args) throws InterruptedException
{
System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chro
medriver.exe");
WebDriver driver = new ChromeDriver();
driver.manage().window().maximize();
driver.get("https://www.facebook.com/");
Thread.sleep(2000);
WebElement createNewAccountButton =
driver.findElement(By.xpath("(//a[normalize-space()='Create New Account'])[1]"));
createNewAccountButton.click();
Thread.sleep(5000);
WebElement firstName = driver.findElement(By.name("firstname"));
firstName.sendKeys("ashu");
WebElement surName = driver.findElement(By.name("lastname"));
surName.sendKeys("kamatam");
WebElement mobileNoOrEmailId= driver.findElement(By.name("reg_email__"));
mobileNoOrEmailId.sendKeys("1234567890");
WebElement password = driver.findElement(By.name("reg_passwd__"));
password.sendKeys("123ashu");
Thread.sleep(2000);
Select dateDropdown = new
Select(driver.findElement(By.name("birthday_day")));
dateDropdown.selectByValue("24");
Thread.sleep(2000);
Select monthDropdown = new
```

(continuation — top right)

```java
Select(driver.findElement(By.name("birthday_month")));
monthDropdown.selectByValue("12");
Thread.sleep(2000);
Select yearDropdown = new
Select(driver.findElement(By.name("birthday_year")));
yearDropdown.selectByValue("1996");
Thread.sleep(2000);
WebElement femaleRadioBtn = driver.findElement(By.xpath("(//label[normalize-
space()='Female'])[1]"));
femaleRadioBtn.click();
Thread.sleep(2000);
WebElement signUpBtn = driver.findElement(By.name("websubmit"));
signUpBtn.click();
Thread.sleep(2000);
System.out.println("Performed click action");
driver.quit();
}
}
```

WEEK 4

```java
package CMRIT.CMRIT_Assignment;
import java.util.HashMap;
import java.util.Map;
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.chrome.ChromeOptions;
public class Banking_siteAlertPopup {
public static void main(String[] args) throws InterruptedException
{
Map<String, Object> prefs = new HashMap<String, Object>();
//add key and value to map as follow to switch off browser notification
//Pass the argument 1 to allow and 2 to block
prefs.put("profile.default_content_setting_values.notifications", 2);
//Create an instance of ChromeOptions
ChromeOptions options = new ChromeOptions();
// set ExperimentalOption - prefs
options.setExperimentalOption("prefs", prefs);
System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chro
medriver.exe");
WebDriver driver = new ChromeDriver(options);
driver.manage().window().maximize();
driver.get("https://www.axisbank.com/");
Thread.sleep(2000);
WebElement popupClose =
driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[1]"));
popupClose.click();
driver.close();
Thread.sleep(2000);
}
}
```

WEEK 5

```java
package CMRIT.CMRIT_Assignment;
import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
public class CMRIT_StudentResults {
public static void main(String[] args) throws InterruptedException
{
System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chro
medriver.exe");
WebDriver driver = new ChromeDriver();
driver.manage().window().maximize();
driver.get("https://www.google.com/");
Thread.sleep(2000);
WebElement searchBar = driver.findElement(By.name("q"));
searchBar.sendKeys("CMRIT");
searchBar.sendKeys(Keys.ENTER);
WebElement cmritLink =
driver.findElement(By.xpath("(//h3[contains(text(),'Home - CMR Institute Of Technology
,Hyderabad, Te')])[1]"));
cmritLink.click();
Thread.sleep(3000);
Actions builder = new Actions(driver);
WebElement student =
driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/section[3]/div[1]/div[1]/di
v[1]/div[
1]/div[1]/nav[1]/ul[1]/li[9]/a[1]"));
```

```java
builder.moveToElement(student).perform();
student.click();
Thread.sleep(2000);
WebElement studentLogin =
driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/section[3]/div[1]/div[1]/di
v[1]/div[
1]/div[1]/nav[1]/ul[1]/li[9]/ul[1]/li[1]/a[1]"));
studentLogin.click();
WebElement userName =
driver.findElement(By.xpath("(//input[@id='txtUserName'])[1]"));
Thread.sleep(2000);
userName.sendKeys("20R01A05K6p");
WebElement nxtBtn = driver.findElement(By.name("btnNext"));
nxtBtn.click();
WebElement password =
driver.findElement(By.xpath("(//input[@placeholder='Enter Password'])[1]"));
password.sendKeys("20R01A05K6P");
WebElement submit =
driver.findElement(By.xpath("(//input[@name='btnSubmit'])[1]"));
submit.click();
}
}
```

WEEK 7
```java
package CMRIT.CMRIT_Assignment;
import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
public class GoogleSearch_CMRIT {
public static void main(String[] args) throws InterruptedException
{
System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chro
medriver.exe");
WebDriver driver = new ChromeDriver();
driver.get("https://www.google.com/");
driver.manage().window().maximize();
Thread.sleep(2000);
WebElement searchBar = driver.findElement(By.name("q"));
searchBar.sendKeys("CMRIT");
searchBar.sendKeys(Keys.ENTER);
Thread.sleep(15000);
driver.quit();
}
}
```

WEEK 1
step-1: Install Java on your computer.
step-2 Install eclipse IDE
step 3 Download the selenium Java client driver download
latest version of selenium server on your computer
step-4 Install chrome driver
download chrome drive for selenium
download chrome version 104,104.0.5112.79
click on chromedriver.win32.zip and extract files.
chromedriver.exe is downloaded.
step-5 To create a project in eclipse IDE
file
new
java project
Roll no
step 6- To create a package
click on project name
right click
new
package
any name
step 7: adding selenium server
1.copy selenium server from your downloads
2.comeback to eclipse package(click on)
step 8:build path
click on selenium server
right click
build path
add to buildpath
step 9:to create a class
click on project name
right class
new
class
mercury(any name)