```
set 1)
1.(Web Driver google Search Cmrit)

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 Week7 {
 public static void main(String[] args) throws InterruptedException {
 System.setProperty("webdriver.chrome.driver",
"F:\\Lab\\chromedriver\\chromedriver.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 hyderabad");
 searchBar.sendKeys(Keys.ENTER);
 Thread.sleep(15000);
 driver.quit();
 }
 }
2. (Gmail Validation)
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 exp10 {
 public static void main(String[] args) throws InterruptedException {
 System.setProperty("webdriver.chrome.driver",
"F:\\Lab\\Updated\\chromedriverwin64\\chromedriver.exe");
 WebDriver driver = new ChromeDriver();
 driver.get("http://gmail.com/");
 Thread.sleep(2000);
 WebElement createAccount =
driver.findElement(By.xpath("(//span[normalizespace()='Create
account'])[1]"));
 createAccount.click();
 Thread.sleep(2000);
 WebElement mySelft = driver.findElement(By.xpath("(//span[normalize-
space()='For my
personal use'])[1]"));
 mySelft.click();
 Thread.sleep(2000);
 WebElement firstName = driver.findElement(By.name("firstName"));
 firstName.sendKeys("Kumar01");
 Thread.sleep(2000);
 WebElement lastName = driver.findElement(By.name("lastName"));
 lastName.sendKeys("Ravi");
 Thread.sleep(2000);
 WebElement bn1 = driver.findElement(By.xpath("(//span[normalize-
space()='Next'])"));
```

```java
bn1.click();
Thread.sleep(3000);
Select month = new
Select(driver.findElement(By.xpath("(//select[@id='month'])[1]")));

month.selectByValue("8");
Thread.sleep(2000);
WebElement day =
driver.findElement(By.xpath("(//input[@id='day'])[1]"));
day.sendKeys("24");
Thread.sleep(2000);
WebElement year =
driver.findElement(By.xpath("(//input[@id='year'])[1]"));
year.sendKeys("1996");
Select gender = new
Select(driver.findElement(By.xpath("(//select[@id='gender'])[1]")));
gender.selectByValue("1");
Thread.sleep(2000);
WebElement bn2 = driver.findElement(By.xpath("(//span[normalize-
space()='Next'])"));
bn2.click();
Thread.sleep(2000);
WebElement uid = driver.findElement(By.name("Username"));
uid.sendKeys("Kmrthakla");
WebElement bn3 = driver.findElement(By.xpath("(//span[normalize-
space()='Next'])"));
bn3.click();
Thread.sleep(2000);
WebElement pswd = driver.findElement(By.name("Passwd"));
pswd.sendKeys("Cmrit123#");
WebElement cpswd = driver.findElement(By.name("PasswdAgain"));
cpswd.sendKeys("Cmrit123#");
WebElement bn4 = driver.findElement(By.xpath("(//span[normalize-
space()='Next'])"));
bn4.click();
}
}
  set 2
1.(Cmrit Bees Results)
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
public class Week5 {
public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver","F:\\Lab\\chromedriver\\chro
medriver.exe");
WebDriver driver=new ChromeDriver();
driver.manage().window().maximize();
driver.get("https://cmritautonomous.org/beeserp/Login.aspx");
WebElement userName=driver.findElement(By.name("txtUserName"));
userName.sendKeys("20R01A05K6P");
Thread.sleep(2000);
```

```
        WebElement nxtBtn=driver.findElement(By.name("btnNext"));
        nxtBtn.click();
        WebElement password=driver.findElement(By.name("txtPassword"));
        password.sendKeys("20R01A05K6P");
        Thread.sleep(2000);
        WebElement submit=driver.findElement(By.name("btnSubmit"));
        submit.click();
       }
}
2.(Facebook Validation)
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;
import org.openqa.selenium.support.ui.Select;
public class FacebookReg {
 public static void main(String[] args) throws InterruptedException {
System.setProperty("webdriver.chrome.driver",
"F:\\Lab\\Updated\\chromedriverwin64\\chromedriver.exe");
WebDriver driver=new ChromeDriver();
driver.get("https://www.facebook.com/");
Thread.sleep(200);
driver.findElement(By.partialLinkText("Create new account")).click();
Thread.sleep(500);
driver.findElement(By.name("firstname")).sendKeys("ashu");
Thread.sleep(500);
WebElement surName = driver.findElement(By.name("lastname"));
surName.sendKeys("kamatam");
Thread.sleep(500);
WebElement mobileNoOrEmailId= driver.findElement(By.name("reg_email__"));
mobileNoOrEmailId.sendKeys("1234567890");

Thread.sleep(500);
WebElement password = driver.findElement(By.name("reg_passwd__"));
password.sendKeys("123ashu");
Select dateDropdown = new
Select(driver.findElement(By.name("birthday_day")));
dateDropdown.selectByValue("24");
Thread.sleep(500);
Select monthDropdown = new
Select(driver.findElement(By.name("birthday_month")));
monthDropdown.selectByValue("12");
Thread.sleep(500);
Select yearDropdown = new
Select(driver.findElement(By.name("birthday_year")));
yearDropdown.selectByValue("1996");
Thread.sleep(500);
WebElement femaleRadioBtn =
driver.findElement(By.xpath("(//label[normalizespace()='Female'])[1]"));
femaleRadioBtn.click();
Thread.sleep(500);
WebElement signUpBtn = driver.findElement(By.name("websubmit"));
signUpBtn.click();
```

```
  }
}
  set 3
1.(Cmrit Image Download)
import java.awt.AWTException;
import java.awt.Robot;
import java.awt.event.KeyEvent;
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 Image {
 public static void main(String[] args) throws InterruptedException,
AWTException {
 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 hyderabad");
 searchBar.sendKeys(Keys.ENTER);
 Thread.sleep(15000);
 WebElement img=driver.findElement(By.xpath("//a[normalize-
space()='Images']"));
 img.click();
 WebElement img1=driver.findElement(By.xpath("//img[@alt='CMR Institute
of Technology,
Hyderabad Courses & Fees 2023']"));
 Actions action = new Actions(driver);
 action.contextClick(img1).build().perform();
 Robot robot=new Robot();
 robot.keyPress(KeyEvent.VK_DOWN);
 Thread.sleep(2000);
 robot.keyPress(KeyEvent.VK_DOWN);
 Thread.sleep(2000);
 robot.keyPress(KeyEvent.VK_DOWN);
 Thread.sleep(2000);
 robot.keyPress(KeyEvent.VK_DOWN);
 Thread.sleep(2000);

 robot.keyPress(KeyEvent.VK_DOWN);
 Thread.sleep(2000);
 robot.keyPress(KeyEvent.VK_DOWN);
 Thread.sleep(2000);
 robot.keyPress(KeyEvent.VK_DOWN);
 Thread.sleep(2000);
 robot.keyPress(KeyEvent.VK_ENTER);
 Thread.sleep(3000);
 robot.keyPress(KeyEvent.VK_ENTER);
 System.out.println("downloaded");
 // driver.close();
 }
```

```
 }
2.Mythra sign in page
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 Myntra {
public static void main(String[] args) throws InterruptedException {
 System.setProperty("webdriver.chrome.driver",
"F:\\Lab\\Updated\\chromedriverwin64\\chromedriver.exe");
 WebDriver driver=new ChromeDriver();
 Actions builder = new Actions(driver);
 driver.get("https://www.google.co.in/");
 WebElement searchBar = driver.findElement(By.name("q"));
 searchBar.sendKeys("Myntra");
 Thread.sleep(500);
 searchBar.submit(); WebElement myntraLink =
driver.findElement(By.xpath("(//h3[contains(text(),'Myntra: Online
Shopping for Women, Men, Kids
Fashi')])[1]"));
 myntraLink.click();
 WebElement profileHyperLink =
driver.findElement(By.xpath("(//span[normalizespace()='Profile'])[1]"));
 profileHyperLink.click();
 WebElement loginBtn = driver.findElement(By.xpath("(//a[normalize-
space()='login /
Signup'])[1]"));
 loginBtn.click();
 WebElement mobileNo =
driver.findElement(By.xpath("(//input[@type='tel'])[1]"));
 mobileNo.sendKeys("9948621019");
 WebElement continueBtn =
driver.findElement(By.xpath("(//div[@class='submitBottomOption'])[1]"));
 continueBtn.click();
 Thread.sleep(500);
// WebElement otp01 =
driver.findElement(By.xpath("(//input[@name='otp0'])[1]"));
// otp01.sendKeys("1");
// WebElement otp02 =
driver.findElement(By.xpath("(//input[@name='otp1'])[1]"));
// otp02.sendKeys("2");
15
// WebElement otp03 =
driver.findElement(By.xpath("(//input[@name='otp2'])[1]"));
// otp03.sendKeys("3");
// WebElement otp04 =
driver.findElement(By.xpath("(//input[@name='otp3'])[1]"));
// otp04.sendKeys("4");
// driver.close();
 }
}
     set 4
1.(Popup Bank Notification)
```

```java
import java.util.HashMap;
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;
//import org.openqa.selenium.chrome.ChromeOptions;
public class Week04 {
 public static void main(String[] args) {
 HashMap<String, Object> prefs=new HashMap<String, Object>();
 prefs.put("profile.default_content_setting_values.notifications",0);
 ChromeOptions options=new ChromeOptions();
 options.setExperimentalOption("prefs", prefs);

System.setProperty("webdriver.chrome.driver","F:\\Lab\\chromedriver\\chro
medriver.exe");
 WebDriver driver=new ChromeDriver(options);
 driver.manage().window().maximize();
 driver.get("https://www.axisbank.com/");
 WebElement
pop=driver.findElement(By.xpath("/html/body/div[1]/div[1]/div/span"));
 pop.click();
 }
 }
2.(Perform automation on Ajio shopping website)
import java.util.Iterator;
import java.util.Set;
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 wk {
public static void main(String[] args) throws InterruptedException {
System.setProperty("webdriver.chrome.driver",
"F:\\Lab\\Updated\\chromedriverwin64\\chromedriver.exe");
WebDriver driver=new ChromeDriver();
driver.get("https://www.ajio.com/");
Thread.sleep(2000);
WebElement ajioLink = driver.findElement(By.xpath("//span[normalize-
space()='Sign In / Join
AJIO']"));
ajioLink.click();
Thread.sleep(2000);
WebElement facebookBtn =
driver.findElement(By.xpath("//span[normalizespace()='Facebook']"));
facebookBtn.click();
Thread.sleep(2000);
Set<String> parentWindow = driver.getWindowHandles();
Iterator iterator = parentWindow.iterator();
while(iterator.hasNext())
{
String childWindow = (String) iterator.next();
if(!parentWindow.equals(childWindow))
```

```
{
driver.switchTo().window(childWindow);
}
}

WebElement emailOrMobileNo
=driver.findElement(By.xpath("//input[@id='email']"));
emailOrMobileNo.sendKeys("bhumi27@gmail.com");
WebElement pwd = driver.findElement(By.xpath("//input[@id='pass']"));
pwd.sendKeys("@123");
WebElement loginBtn =
driver.findElement(By.xpath("/html/body/div/div[2]/div[1]/form/div/div[4]
/label[2]/input"));
loginBtn.click();
}
}
    set 5
1.(List items)
package week09;
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
public class ListItems {
public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","F:\\Lab\\chromedriver-
win64\\chromedriverwin64\\chromedriver.exe");
WebDriver driver=new ChromeDriver();
driver.manage().window().maximize();
driver.get("https://www.justdial.com/Hyderabad/Bakeries/nct-10033880");
List<WebElement> m = driver.findElements(By.xpath("//h2[@class='jsx-
3349e7cd87e12d75
resultbox_title font22 fw500 color111 complist_title']"));
for(int i = 0; i< m.size(); i++) {
String s = m.get(i).getText();
System.out.println("Text is: " + s);
 }

 }
 }
2.mercury tour website
package week02;
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 Mercury {
 public static void main(String[] args) throws InterruptedException {
System.setProperty("webdriver.chrome.driver","F:\\Lab\\chromedriver-
win64\\chromedriverwin64\\chromedriver.exe");
WebDriver driver=new ChromeDriver();
driver.manage().window().maximize();
```

```java
driver.get("https://www.mercurytravels.co.in/");
Thread.sleep(2000);
Actions builder = new Actions(driver);
WebElement customerLogin = driver.findElement(By.xpath("(//a[normalize-
space()='Customer
Login'])[2]"));
builder.moveToElement(customerLogin).perform();
Thread.sleep(2000);
WebElement register = driver.findElement(By.xpath("(//a[normalize-
space()='Register'])[2]"));
register.click();
Thread.sleep(2000);
WebElement firstName = driver.findElement(By.id("acc_first_name"));
firstName.sendKeys("DeekshithChary");
Thread.sleep(2000);
WebElement lastName = driver.findElement(By.id("acc_last_name"));
lastName.sendKeys("P");
Thread.sleep(2000);
WebElement emailId = driver.findElement(By.id("acc_user_email"));
emailId.sendKeys("Deekshithchary0607@gmail.com");
Thread.sleep(2000);
WebElement setPassword = driver.findElement(By.id("acc_user_password"));
setPassword.sendKeys("12345");
Thread.sleep(2000);

WebElement confirmPassword =
driver.findElement(By.id("acc_user_passconf"));
confirmPassword.sendKeys("12345");
Thread.sleep(2000);
WebElement mobileNumber = driver.findElement(By.id("acc_mobile_no"));
mobileNumber.sendKeys("8124563783");
Thread.sleep(2000);
WebElement registerBtn =
driver.findElement(By.xpath("(//button[normalize-space()='Register'])"));
registerBtn.click();
Thread.sleep(1000);
}
}
  set 6
1.(Pdf To Word Convertor)
import java.awt.AWTException;
import java.awt.Robot;
import java.awt.Toolkit;
import java.awt.datatransfer.Clipboard;
import java.awt.datatransfer.StringSelection;
import java.awt.event.KeyEvent;
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 exp12 {
public static void main(String[] args) throws InterruptedException,
AWTException {
```

```
System.setProperty("webdriver.chrome.driver",
"F:\\Tutorials\\selenium\\jar\\chromedriverwin64\\chromedriver.exe");
WebDriver driver= new ChromeDriver();
driver.get("https://www.google.com/");
Thread.sleep(2000);
WebElement searchBar = driver.findElement(By.name("q"));
searchBar.sendKeys("Convert word to pdf online");
searchBar.sendKeys(Keys.ENTER);
WebElement pdfToWord = driver.findElement(By.xpath("(//h3[@class='LC20lb
MBeuO
DKV0Md'])[2]"));
pdfToWord.click();
Thread.sleep(500);

WebElement chooseFileBtn =
driver.findElement(By.xpath("(//span[normalize-space()='Choose
Files'])[1]"));
chooseFileBtn.click();
Thread.sleep(500);
Clipboard clipboard = Toolkit.getDefaultToolkit().getSystemClipboard();
StringSelection str = new StringSelection("Downloads\\01.docx");
clipboard.setContents(str,null);
Thread.sleep(500);
Robot robot = new Robot();
robot.keyPress(KeyEvent.VK_CONTROL);
robot.keyPress(KeyEvent.VK_V);
robot.keyPress(KeyEvent.VK_ENTER);
Thread.sleep(10000);
WebElement download =
driver.findElement(By.xpath("(//span[normalizespace()='Download'])"));
download.click();
}
}
2.5(Cmrit  website )
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
public class Week5 {
 public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver","F:\\Lab\\chromedriver\\chro
medriver.exe");
 WebDriver driver=new ChromeDriver();
 driver.manage().window().maximize();
 driver.get("https://cmritautonomous.org/beeserp/Login.aspx");
 WebElement userName=driver.findElement(By.name("txtUserName"));
 userName.sendKeys("20R01A05K6P");
 Thread.sleep(2000);
 WebElement nxtBtn=driver.findElement(By.name("btnNext"));
 nxtBtn.click();
 WebElement password=driver.findElement(By.name("txtPassword"));
 password.sendKeys("20R01A05K6P");
 Thread.sleep(2000);
```

```java
  WebElement submit=driver.findElement(By.name("btnSubmit"));
  submit.click();
 }
}
```