

Step 1:- Home page

```
package com.mainPage;
import java.time.Duration;
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;

public class HomePageGet {
    WebDriver driver;
    public void home() {
        driver = new EdgeDriver();
        driver.get("https://www.swiggy.com/");
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
    }
    public void location1() {
        driver.findElement(By.id("location")).click();
        driver.findElement(By.id("location")).sendKeys("madikeri coorg");
    }
    public void locationclick() {
        driver.findElement(By.xpath("//span[contains(@class,'iconlocation')]/parent::button")).click();
    }
    public void search() {
        driver.findElement(By.xpath("//*[@id=\"root\"]/div[1]/header/div/div/ul/li[5]/div/a/span[2]")).click();
    }

    public void searchdish() {
        driver.findElement(By.xpath("//*[@id=\"root\"]/div[1]/div[1]/div[1]/div/form/div/div[1]/input")).click();

        driver.findElement(By.xpath("//*[@id=\"root\"]/div[1]/div[1]/div[1]/div/form/div/div[1]/input")).sendKeys("Biryani");

        driver.findElement(By.xpath("//*[@id=\"root\"]/div[1]/div[1]/div[2]/div/div/button[1]")).click();
        // *[@id="root"]/div[1]/div[1]/div[1]/div/form/div/div[1]/input
    }
    public String[] ItemName() {
        List<WebElement> ListOfProduct =
driver.findElements(By.xpath("//div[contains(@class,'styles_containerInner')]/h3[contains(@class,'styles_itemNameText')]"));
        System.out.println(ListOfProduct.size());
//        for(WebElement LOP : ListOfProduct) {
//            String name = LOP.getText();
//            System.out.println(name);
//        }
        String name[] = new String[ListOfProduct.size()];
        int cnt = 0;
        for (WebElement x : ListOfProduct) {

            String strname = x.getText();
            System.out.println(strname);
//            String strname1 = strname.substring(0,10);
            name[cnt] = strname;
            cnt++;
        }
    }
}
```

```

    }
    for (int indx = 0; indx < 7; indx++) {
        int [] newArr=new int[name.length];
        System.out.println(name[indx]);
    }
    return name;
}
public String[] ItemPrice() {
//    same.searchitem(WebDriver driver);
    List<WebElement> PriceOfProduct = driver.findElements(By.xpath(
        "//div[contains(@class,'styles_containerInner')]/span[contains(@class,'styles_price')]/span[contains(@c
lass,'rup')]"));
    System.out.println(PriceOfProduct.size());
    for (WebElement POP : PriceOfProduct) {
        String price = POP.getText();
        System.out.println(price);
    }
    String price[] = new String[PriceOfProduct.size()];
    int cont = 0;
    for (WebElement rb : PriceOfProduct) {
        String strname = rb.getText();
        price[cont] = strname;
        cont++;
    }
    System.out.println("printing price ");

    for (int indx = 0; indx < 7; indx++) {
        int [] newArr=new int[price.length];
        System.out.println(price[indx]);
    }
    return price;
    // *[@id="modal-placeholder"]/div/div/div[2]/div/div[3]/div[2]/span[2]
}/*[@id="root"]/div[1]/div[1]/div[2]/div/div/div[4]/div[1]/div/div[2]/div/div/div[2]/div[2]/div/div[1]
public void Add_to_cart() {
    // same.searchitem(WebDriver driver);

    driver.findElement(By.xpath("//*[@id=\"root\"]div[1]/div[1]/div[2]/div/div/div[4]/div[1]/div/div[3]/div/d
iv/div[2]/div[2]/div/div[1]")).click();

    driver.findElement(By.xpath("//*[@id=\"modal-
placeholder\"]div/div/div[2]/div/div[3]/div[2]/span[2]")).click();

    List<WebElement> RadioButton = driver

    .findElements(By.xpath("//label[@class=\"b5XpK\"]//span[@class=\"_1X1xw\"]"));
//    RadioButton.get(0).click();
//    RadioButton.get(4).click();
    driver.findElement(By.xpath("//div[@class=\"_3coNr\"]")).click();
    driver.findElement(By.xpath("//a[@class=\"_1T-E4\"]")).click();

    //*[@id="root"]/div[1]/div[1]/div[2]/div/div/div[4]/div[1]/div/div[3]/div/div/div[2]/div[2]/div/div[1]
}/*
//    public void addingComments() {
//
//    }

    public void UpdateLocation() {

```

```

        driver.findElement(By.xpath("//span[@class=\"_3odgy\"]")).click();
        driver.findElement(By.xpath("//input[@class=\"_381fS_1oTLG_1H_62\"]")).sendKeys("sullia
dakshinakannada");

        //driver.findElement(By.xpath("//span[contains(@class,'icon-location')]/parent::button")).click();
driver.close();
    }

    public void deleteCart() {
        try {
            Thread.sleep(1000);
        } catch (InterruptedException e) {
            // TODO Auto-generated catch block
            driver.findElement(By.xpath("//div[@class=\"_29Y5Z\"]")).click();
            e.printStackTrace();
        }
    }

    public void updateCart() {

//        driver.findElement(By.xpath("//div[@class=\"_1ds9T\"]")).click();
//        try {
//            Thread.sleep(1000);
//        } catch (InterruptedException e) {
//            // TODO Auto-generated catch block
//        }
        driver.findElement(By.xpath("//div[@class=\"_3G9po\"]//button[@class=\"b0G1m\"]")).click();
//        e.printStackTrace();
//    }
//        driver.findElement(By.xpath("//div[@class=\"_3G9po\"]//button[@class=\"b0G1m\"]")).click();
    }

}

```

Step 2:-Locationupdate

package com.procedure;

```

import java.time.Duration;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.edge.EdgeDriver;
import com.mainPage.HomePageGet;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

```

```

public class LocationSteps {

```

```

    WebDriver driver;
    HomePageGet page = new HomePageGet();

```

```

    @Given("I am on swiggy homepage website")

```

```

    public void i_am_on_swiggy_homepage_website() {
        driver = new EdgeDriver();
        System.out.println("i_am_on_swiggy_homepage_website");//
        page.home();
    }
}

```

```

        try {
            Thread.sleep(1000);
        } catch (InterruptedException e) {
            // TODO Auto-generated catch block
            driver.close();
            e.printStackTrace();
        }
    }
}

@When("I click on Enter your delivery location")
public void i_click_on_enter_your_delivery_location() {
    // Write code here that turns the phrase above into concrete actions
    // throw new io.cucumber.java.PendingException();
    System.out.println("i_click_on_enter_your_delivery_location");
    // driver.findElement(By.id("location")).click();
    page.home();
    page.location1();
    try {
        Thread.sleep(1000);
    } catch (InterruptedException e) {
        // TODO Auto-generated catch block
        driver.close();
        e.printStackTrace();
    }
    // driver.close();

}

//
@Then("I press enter to select location")
public void i_press_enter_to_select_location() {

    System.out.println("i_press_enter_to_select_location");
    page.home();
    page.location1();
    page.locationclick();
    try {
        Thread.sleep(1000);
    } catch (InterruptedException e) {
        // TODO Auto-generated catch block
        driver.close();
        e.printStackTrace();
    }
    // driver.close();
}

@Given("I am not on homepage")
public void i_am_not_on_homepage() {
    // Write code here that turns the phrase above into concrete actions
    // throw new io.cucumber.java.PendingException();
    // locationSteps obj = new locationSteps();
    // obj.i_am_on_swiggy_homepage_website();
    System.out.println("i'm on any page of swiggy");
    //
}

@When("I click on other location")
public void i_click_on_other_location() {
    // Write code here that turns the phrase above into concrete actions
    // throw new io.cucumber.java.PendingException();
    System.out.println("i_click_on_other_location");

```

```

//      driver.findElement(By.xpath("//span[@class=\"_3odgy\"]")).click();
//      page.home();
//      page.location1();
//      page.locationclick();
//      page.UpdateLocation();
//      try {
//          Thread.sleep(1000);
//      } catch (InterruptedException e) {
//          // TODO Auto-generated catch block
//          driver.close();
//          e.printStackTrace();
//      }
//      //page.Add_to_cart();
//      driver.close();
//  }
//
//      @Then("I click on that location")
//      public void i_click_on_that_location() {
//
//          System.out.println("i_click_on_that_location \n\n");
//      }
//
//  }

```

Step 3:- Dish sarching

package com.procedure;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.edge.EdgeDriver;

import com.mainPage.HomePageGet;

import io.cucumber.java.en.Given;

import io.cucumber.java.en.Then;

import io.cucumber.java.en.When;

public class Dish {

WebDriver driver;

HomePageGet page = new HomePageGet();

@Given("I am on list of product name and price page")

public void i_am_on_list_of_product_name_and_price_page() {

driver = new EdgeDriver();

System.out.println("i_am_on_list_of_product_name_and_price_page");

}

@When("I run algorithm to find list of product name")

public void i_run_algorithm_to_find_list_of_product_name() {

System.out.println("i_run_algorithm_to_find_list_of_product_name");

page.home();

page.location1();

page.locationclick();

page.search();

page.searchdish();

//page.ItemName();

}

@Then("i can see list of product name on the console")

```

public void i_can_see_list_of_product_name_on_the_console() {
    System.out.println("i_can_see_list_of_product_name_on_the_console");
}
@When("I run algorithm to find list of product price")
public void i_run_algorithm_to_find_list_of_product_price() {
    System.out.println("i_run_algorithm_to_find_list_of_product_price");
    page.home();
    page.location1();
    page.locationclick();
    page.search();
    //page.searchdish();
    //page.ItemPrice();
}
@Then("i can see list of product price on the console")
public void i_can_see_list_of_product_price_on_the_console() {
    System.out.println("i_can_see_list_of_product_price_on_the_console");
}
@When("i click in add button on any of the the given product")
public void i_click_in_add_button_on_any_of_the_the_given_product() {

    System.out.println("i_click_in_add_button_on_any_of_the_the_given_product");
    page.home();
    page.location1();
    page.locationclick();
    page.search();
    page.searchdish();
    //page.Add_to_cart();
}

@When("i click on any one of the radio button to customize")
public void i_click_on_any_one_of_the_radio_button_to_customize() {

    System.out.println("i_click_on_any_one_of_the_radio_button_to_customize");
//
}
@When("i click on add items")
public void i_click_on_add_items() {
    System.out.println("i_click_on_add_items");
}
@Then("item will be added to cart")
public void item_will_be_added_to_cart() {
    System.out.println("item_will_be_added_to_cart");    }

@Given("I am on homepage of swiggy")
public void i_am_on_homepage_of_swiggy() {
    System.out.println("i_am_on_homepage_of_swiggy");
    page.home();
}
@When("I click search button")
public void i_click_search_button() {

    System.out.println("i_click_search_button");
    page.home();
    page.location1();
    page.locationclick();
    page.search();

}

```

```

@When("click on search for restaurants and food and enter product name")
public void click_on_search_for_restaurants_and_food_and_enter_product_name() {

    System.out.println("click_on_search_for_restaurants_and_food_and_enter_product_name");

}

@Then("I see the list of product name with prices also")
public void i_see_the_list_of_product_name_with_prices_also() {

    System.out.println("i_see_the_list_of_product_name_with_prices_also");

}

}

```

Step 4:-Cart to product

package com.procedure;

```

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.edge.EdgeDriver;
import com.mainPage.HomePageGet;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

```

```

public class Cartsteps {
    HomePageGet page = new HomePageGet();
    WebDriver driver;
    @Given("I am on any page of swiggy website")
    public void i_am_on_any_page_of_swiggy_website() {
        driver = new EdgeDriver();

        System.out.println("i_am_on_any_page_of_swiggy_website");
    }

    @When("I click cart option and delete items from the cart")
    public void i_click_cart_option_and_delete_items_from_the_cart() {

        System.out.println("i_click_cart_option_and_delete_items_from_the_cart");
        page.home();
        page.location1();
        page.locationclick();
        page.search();
        page.searchdish();
        page.deleteCart();
    }

    @Then("I able to delete the items from cart")
    public void i_able_to_delete_the_items_from_cart() {
        System.out.println("i_able_to_delete_the_items_from_cart");
    }

    @When("I click cart option and update items from the cart")
    public void i_click_cart_option_and_update_items_from_the_cart() {

        System.out.println("i_click_cart_option_and_update_items_from_the_cart");
        page.home();
    }
}

```

```

        page.location1();
        page.locationclick();
        page.search();
        page.searchdish();
        //    page.Add_to_cart();
        page.updateCart();
    }

    @Then("I able to update the items from cart")
    public void i_able_to_update_the_items_from_cart() {
        System.out.println("i_able_to_update_the_items_from_cart");
    }
}

```

Step 5:-Test Runner

```

package com.testcucumber;
import org.testng.annotations.Test;

import io.cucumber.testng.AbstractTestNGCucumberTests;
import io.cucumber.testng.CucumberOptions;

@CucumberOptions(features = "Features", glue = {"com.procedure"})

public class TestRunner extends AbstractTestNGCucumberTests {

}

```

Excel code:

Step 1:-ReadExcel from sheet

```

package com.excel;
import java.io.File;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import org.apache.poi.EncryptedDocumentException;
import org.apache.poi.ss.usermodel.Cell;
import org.apache.poi.ss.usermodel.Row;
import org.apache.poi.ss.usermodel.Sheet;
import org.apache.poi.ss.usermodel.Workbook;
import org.apache.poi.ss.usermodel.WorkbookFactory;

public class ReadFromsheet {

    public String[] Readname() {
        String excelname[] = new String[7];
        String excelprice[] = new String[7];
    }
}

```



```

String Inpath = "C:\\Users\\Ijdharma\\ws_Javapract\\Automation\\Phase_2.xlsx";
FileInputStream inputStream;
try {
    inputStream = new FileInputStream(new File(Inpath));

    Workbook workbook = WorkbookFactory.create(inputStream);
    Sheet sheet = workbook.getSheet("Phase-2");
    int lastRowNum = sheet.getLastRowNum();
    System.out.println(lastRowNum);

    int cnt = 0;
    for (int i = 1; i <= lastRowNum; i++) {
        Row row = sheet.getRow(i);
        Cell cellname = row.getCell(1);
        String name = cellname.getStringCellValue();
        System.out.println(name);
        excelname[cnt] = name;
        Cell cellprice = row.getCell(2);
        String price = cellprice.getStringCellValue();
        System.out.println(price);
        excelprice[cnt] = price;
        cnt++;
    }

    // return excelname;

    // Row row = sheet.getRow(1);
    // Cell cellUN = row.getCell(1);
    // String strUN = cellUN.getStringCellValue();
    // System.out.println(strUN);
} catch (FileNotFoundException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}

// FileInputStream name = new FileInputStream(new File(path));
catch (EncryptedDocumentException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
} catch (IOException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}
return excelname;
}

```

```

public String[] Readprice() {
    String excelname[] = new String[7];
    String excelprice[] = new String[7];

    String Inpath = "C:\\Users\\Ijdharma\\ws_Javapract\\Automation\\Phase_2.xlsx";

    FileInputStream inputStream;

    try {
        inputStream = new FileInputStream(new File(Inpath));
        Workbook workbook = WorkbookFactory.create(inputStream);
        Sheet sheet = workbook.getSheet("Phase-2");
    }
}

```

```

        int lastRowNum = sheet.getLastRowNum();
        System.out.println(lastRowNum);

        int cnt = 0;
        for (int i = 1; i <= lastRowNum; i++) {
            Row row = sheet.getRow(i);
            Cell cellname = row.getCell(1);
            String name = cellname.getStringCellValue();
            System.out.println(name);
            excelname[cnt] = name;
            Cell cellprice = row.getCell(2);
            String price = cellprice.getStringCellValue();
            System.out.println(price);
            excelprice[cnt] = price;
            cnt++;
        }

//        Row row = sheet.getRow(1);
//        Cell cellUN = row.getCell(1);
//        String strUN = cellUN.getStringCellValue();
//        System.out.println(strUN);
    } catch (FileNotFoundException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
//    FileInputStream name = new FileInputStream(new File(path));
    catch (EncryptedDocumentException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    } catch (IOException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
    return excelprice;
}

public static void main(String[] args) {
    ReadFromsheet res = new ReadFromsheet();
    res.Readname();
    res.Readprice();
}
}

```

Step 2:-Read excel

```

package com.excel;
import java.io.File;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import org.apache.poi.EncryptedDocumentException;
import org.apache.poi.ss.usermodel.Cell;

```

```

import org.apache.poi.ss.usermodel.Row;
import org.apache.poi.ss.usermodel.Sheet;
import org.apache.poi.ss.usermodel.Workbook;
import org.apache.poi.ss.usermodel.WorkbookFactory;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.edge.EdgeDriver;

import com.mainPage.HomePageGet;
public class ReadExcel {
    HomePageGet page = new HomePageGet();
    WebDriver driver = new EdgeDriver();
    public void excel() {
        page.home();
        page.location1();
        page.locationclick();
        page.search();
        page.searchdish();
        page.ItemName();
        page.ItemPrice();
        String[] name = page.ItemName();
        String[] price = page.ItemPrice();

        String Inpath = "C:\\Users\\ljdharma\\ws_Javapract\\Automation\\Phase_2.xlsx";
        String OpPath = "C:\\Users\\ljdharma\\ws_Javapract\\Automation\\Phase_2.xlsx";

        FileInputStream inputStream;
        FileOutputStream outputstream;
        try {
            inputStream = new FileInputStream(new File(Inpath));
            outputstream = new FileOutputStream(new File(OpPath));
            Workbook workbook = WorkbookFactory.create(inputStream);
            Sheet sheet = workbook.getSheet("Phase-2");
            int lastRowNum = sheet.getLastRowNum();
            System.out.println(lastRowNum);
            int cnt=0;
            for(int i=1;i<=lastRowNum ; i++) {
                Row row = sheet.getRow(i);
                Cell cellID = row.getCell(0);
                Cell cellName = row.createCell(1);
                Cell cellPrice = row.createCell(2);
                String string1 = name[cnt];
                cellName.setCellValue(string1);
                cellPrice.setCellValue(price[cnt]);

                String val = string1+(i-1);
                String val1 = price[cnt]+(i-1);
                System.out.println(val);
                System.out.println(val1);
                cnt++;
            }

            workbook.write(outputstream);
            outputstream.close();
            workbook.close();

```

```

        } catch (FileNotFoundException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }

catch (EncryptedDocumentException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
} catch (IOException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}

    }
}

```

Step 3:-Test Run

```

package com.excel;

import net.bytebuddy.asm.Advice.OffsetMapping.Target.ForArray.ReadWrite;

public class TestRun {

public static void main(String[] args) {

// TODO Auto-generated method stub

ReadExcel rw = new ReadExcel();

rw.excel();

}

}

```

Step 4:-Time Data

```

package com.excel;
import java.sql.Timestamp;
import java.text.SimpleDateFormat;

public class TimeData {
    public String getcurrentTime() {

        Timestamp timestamp = new Timestamp(System.currentTimeMillis());
        System.out.println(timestamp);

        SimpleDateFormat dateformat = new SimpleDateFormat("ddMMyyyy_hhmmss");
        System.out.println(dateformat.format(timestamp));
        return dateformat.format(timestamp);
    }
}

```

```
}  
public static void main(String[] args) {  
    TimeData printTime = new TimeData();  
    String time = printTime.getCurrentTime();  
    System.out.println(time);  
  
}  
  
}
```