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```

package com.Utility;

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.chrome.ChromeOptions;
import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class BaseClass {
    public static WebDriver driver; // static declaration to use across
    diff. programs.

    // 1.EdgeDriver
    public static void launchEdge() {
        WebDriverManager.edgedriver().setup();
        driver = new EdgeDriver();
    }
    // 2.FireFoxDriver
    public static void launchFox() {
        WebDriverManager.firefoxdriver().create();
        driver = new FirefoxDriver();
    }
    // 3.BraveBrowser
    public static void launchBrave() {
        ChromeOptions options = new ChromeOptions();
        options.setBinary("C:\\Program
Files\\BraveSoftware\\Brave-Browser\\Application\\brave.exe");
        WebDriverManager.chromedriver().setup();
        driver = new ChromeDriver(options);
    }
    // 4.get URL.
    public static void getUrl(String url) {
        driver.get(url);
    }
    // 5.Maximize
    public static void maximize() {
        driver.manage().window().maximize();
    }
    // 6.Send Keys - insert values.
    public static void insertVal(WebElement ele, String val) {
        ele.sendKeys(val);
    }
    // 7.Clicking...
    public static void tap(WebElement ele) {
        ele.click();
    }
    // 8.Press Enter key.
    public static void pressEnter(WebElement ele) {

```

```
        ele.sendKeys(Keys.ENTER);
    }
    // 9.XPath
    public static WebElement findXpath(String tag) {
        return driver.findElement(By.xpath(tag));
    }
}
```

## SELENIUM TASK-4

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### QUESTIONS

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#### QUESTION 1

-----

URL : <https://www.fita.in/>

NOTE: Print Instructor-led Live Online or Classroom Training Text

#### QUESTION 2

-----

URL : <https://www.fita.in/>

NOTE: Print paragraph starts with FITA (Focus'd IT Academy)

#### QUESTION 3

-----

URL : <https://www.fita.in/>

NOTE: Print the Contact Us Label

#### QUESTION 4

-----

URL : <https://www.facebook.com/>

NOTE: Print the email and password which was entered by user

#### QUESTION 5

-----

URL : <http://www.google.com/>

NOTE: Search fitaAcademy and click the 1st link.

#### QUESTION 6

-----

URL : <https://www.snapdeal.com/>

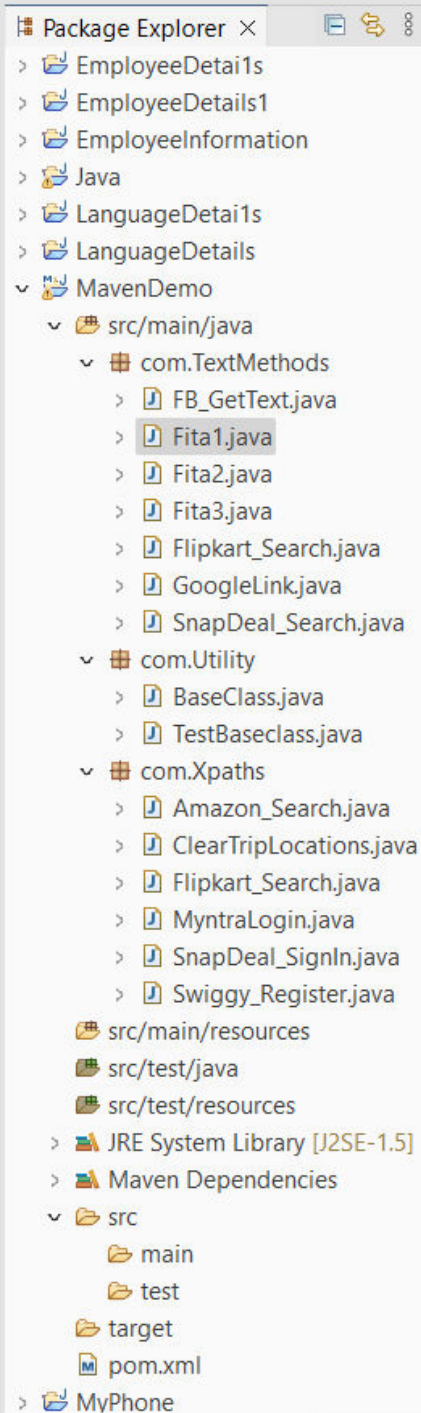
NOTE: Search any product and click 1st product

#### QUESTION 7

-----

URL : <https://www.flipkart.com/>

NOTE: Search any product and click 1st product



```
1 package com.TextMethods;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class Fita1 extends BaseClass{
8
9     public static void main(String[] args) {
10         launchEdge();
11         maximize();
12         getUrl("https://www.fita.in/");
13         WebElement text = findXPath("//h2 [text() = 'Instructor-led Live Online or Classroom Training']");
14         String t = text.getText();
15         System.out.println(t);
16     }
17 //success.
18 }
19
```

Progress

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Search

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```
1 package com.TextMethods;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class Fita2 extends BaseClass {
8
9     public static void main(String[] args) {
10
11         launchEdge();
12         maximize();
13         getUrl("https://www.fita.in/");
14         WebElement para = findXPath("//*[@id=\"syllabus\"]/div/div[2]/div/p");
15         String text = para.getText();
16         System.out.println(text);
17         //success.
18     }
19 }
20
21
```

Progress

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```
1 package com.TextMethods;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class Fita3 extends BaseClass {
8
9     public static void main(String[] args) {
10         launchEdge();
11         maximize();
12         getUrl("https://www.fita.in/");
13
14         WebElement con = findXPath("//*[@id=\"custom_html-2\"]/div/h3");
15         String c = con.getText();
16         System.out.println(c);
17     }
18 //success.
19 }
20
```

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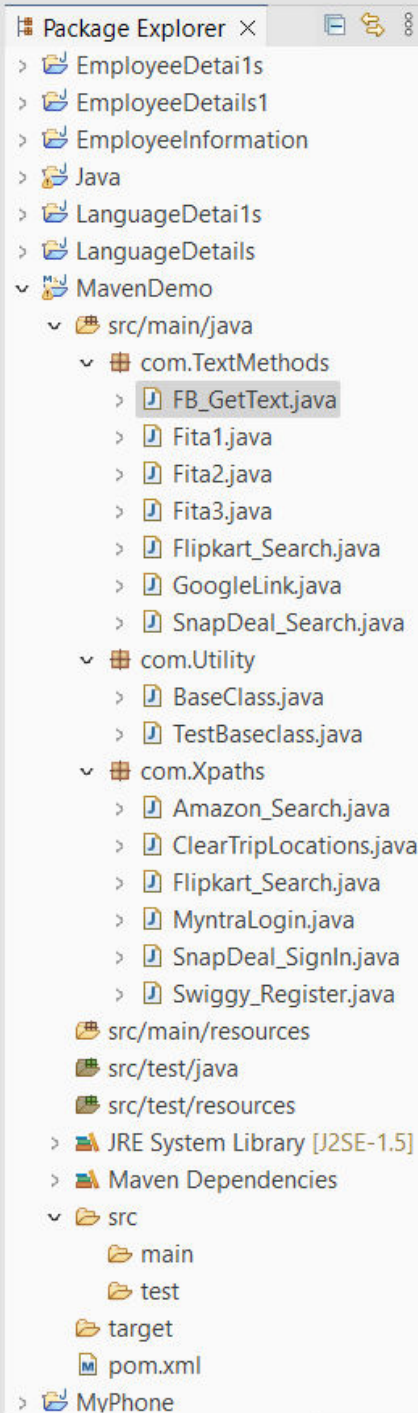
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```
1 package com.TextMethods;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class FB_GetText extends BaseClass{
8
9     public static void main(String[] args) {
10
11         launchEdge();
12         maximize();
13         getUrl("https://www.facebook.com/");
14
15         WebElement name = findXpath("//*[@id=\"email\"]");
16         WebElement pw = findXpath("//*[@id=\"pass\"]");
17
18         insertVal(name, "JohnDoe");
19         insertVal(pw, "123456");
20
21         String t1 = name.getAttribute("value"); //value is default.
22         String t2 = pw.getAttribute("value");
23
24         System.out.println("User: "+t1+ "\nPassword: "+t2);
25
26     }
27 //success.
28 }
29
```

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```
1 package com.TextMethods;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class GoogleLink extends BaseClass {
8
9     public static void main(String[] args) {
10
11         launchEdge();
12         maximize();
13         getUrl("http://www.google.com/");
14
15         WebElement search = findName("q"); //find searchbar.
16         insertVal(search, "fitaAcademy"); //send value
17         pressEnter(search);
18
19         WebElement link = findXPath("//cite [text() = 'https://www.fita.in']");
20         link.click();
21
22     }
23 //success.
24 }
25
```

Progress

No operations to display at this time.

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```
1 package com.TextMethods;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class SnapDeal_Search extends BaseClass {
8
9     public static void main(String[] args) throws InterruptedException {
10
11         launchEdge();
12         maximize();
13         getUrl("https://www.snapdeal.com/");
14
15         WebElement searchbox = findID("inputValEnter");
16         insertVal(searchbox, "Washing Machine");
17         pressEnter(searchbox);
18
19         WebElement product = findXpath(
20             "//p [text() ='E-Retailer Single Polyester Black Washing Machine Cover for Universal Top Load']");
21         product.click();
22     }
23 //success.
24 }
25
```

Progress

No operations to display at this time.

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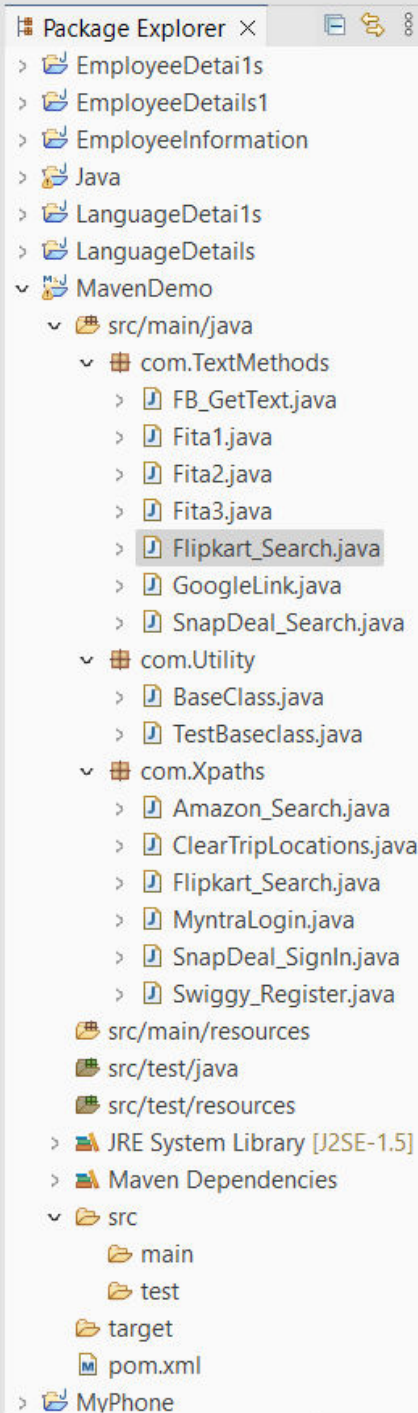
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Search

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```
1 package com.TextMethods;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class Flipkart_Search extends BaseClass{
8
9     public static void main(String[] args) throws InterruptedException {
10         launchEdge();
11         maximize();
12         getUrl("https://www.flipkart.com/");
13
14         WebElement popupCloseBtn = findXPath("/html/body/div[2]/div/div/button");
15         popupCloseBtn.click();
16
17         WebElement searchbox = findName("q");
18         insertVal(searchbox, "blade runner 2049 book");
19         pressEnter(searchbox);
20
21         Thread.sleep(1000); //for page to load.
22         WebElement book = findXPath("(//a [@title = \"Blade Runner 2049\"])[1]");
23         book.click();
24
25     }
26 //success.
27 }
28
```

Progress

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Search

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