

Indexpage using page object model

```
1 package com.Dempages;
2
3 import java.util.List;
4
5 public class IndexPage {
6     WebDriver driver;
7     public IndexPage(WebDriver driver)
8     {
9         this.driver=driver;
10        PageFactory.initElements(driver, this);
11    }
12    @FindBy(xpath="//*[@id=\"contcont\"]//div/div[1]/div")List<WebElement>allcategory;
13    @FindBy(xpath="//*[@id=\"tbodyid\"]//div/div/div/h4/a")List<WebElement>alloption;
14    @FindBy(xpath="//*[@id=\"tbodyid\"]//div[2]/div/div/h4/a")WebElement phone;
15    @FindBy(xpath="//*[@id=\"tbodyid\"]//div[2]/div/a")WebElement adopt;
16    @FindBy(id="cartur")WebElement cartlink;
17    @FindBy(xpath="//*[@id=\"page-wrapper\"]//div/div[2]/button")WebElement placebtn;
18    @FindBy(id="name")WebElement name;
19    @FindBy(id="country")WebElement country;
20    @FindBy(id="city")WebElement city;
21    @FindBy(id="card")WebElement cardnu;
22    @FindBy(id="month")WebElement monthna;
23    @FindBy(id="year")WebElement yearnu;
24    @FindBy(xpath="//*[@id=\"orderModal\"]//div/div/div[3]/button[2]")WebElement purchsebtn;
25
26    public void getCategory()
27    {
28        for(WebElement i:allcategory)
29        {
30            System.out.println("category is:"+i.getText());
31        }
32    }
33    public void getalloption()
34    {
35        try
36        {
37            for(WebElement i:alloption)
38            {
39                System.out.println("category is:"+i.getText());
40                System.out.println("option same");
41                for(WebElement j:alloption)
42                {
43                    System.out.println("option are:"+j.getText());
44                }
45            }
46        }catch(StaleElementReferenceException e)
47        {
48            System.out.println("Page Refresh..");
49        }
50    }
51    public String getAppUrlin()
52    {
53        return driver.getCurrentUrl();
54    }
55    public void selectphone() {
56        phone.click();
57    }
58    public void adoption()
59    {
60        adopt.click();
61        try {
62            Thread.sleep(1500);
63        } catch (InterruptedException e) {
64            // TODO Auto-generated catch block
65            e.printStackTrace();
66        }
67        Alert alt;
68        alt=driver.switchTo().alert();
69        System.out.println("alert msg:"+alt.getText());
70        alt.accept();
71    }
72    public void cart()
73    {
74        cartlink.click();
75        ScreenUtility.getScreenshot(driver, "link5");
76        placebtn.click();
77        ScreenUtility.getScreenshot(driver, "link6");
78        name.sendKeys("NamanShrma");
79        country.sendKeys("India");
80        city.sendKeys("Wagpur");
81        cardnu.sendKeys("123456789");
82        monthna.sendKeys("December");
83        yearnu.sendKeys("2024");
84        ScreenUtility.getScreenshot(driver, "link7");
85        purchsebtn.click();
86        ScreenUtility.getScreenshot(driver, "link8");
87    }
88 }
89
90 pom.xml
91 project.xml
92 Screenshotlink1735162005415.png
93 Screenshotlink1735162007888.png
```

IndexpageTestcases

```
Assignment
AutomationDevops
AutomationProjectCommerce
  src/main/java
    src/test/java
      com.Demopages
        HomePage.java
        IndexPage.java
      com.DemoTestcase
        Hometestcase.java
        Indexcases.java
        ScreenUtility.java
      com.Demoutility
    JRE System Library [JavaSE-17]
    Maven Dependencies
    Screenshot
    src
    target
    test-output
    TestReports
      TestReport2024.12.25.23.46.47.html
      TestReport2024.12.26.02.18.59.html
      TestReport2024.12.26.02.29.16.html
      TestReport2024.12.26.02.30.38.html
      TestReport2024.12.26.02.36.10.html
      TestReport2024.12.26.02.42.25.html
      TestReport2024.12.26.02.44.44.html
      TestReport2024.12.26.02.45.59.html
      TestReport2024.12.26.02.47.06.html
      TestReport2024.12.26.02.50.21.html
      TestReport2024.12.26.02.54.55.html
      TestReport2024.12.26.02.56.39.html
    crm.xml
    pom.xml
    project.xml
    Screenshotlink1735162005415.png
    Screenshotlink1735162007888.png
    Screenshotlink41735162008925.png
```

```
1 package com.Demorestcase;
2
3 import org.testng.annotations.Test;
15 @Listeners({com.Demoutility.ExtentTestNGListeners.class})
    Run All
16 public class Indexcases {
17     public WebDriver driver;
18     IndexPage ip;
19     @Test(priority=1)
    Run | Debug
20     public void verifygetcategory()
21     {
22         ip.getcategory();
23     }
24     @Test(priority=2)
    Run | Debug
25     public void verifyallopction()
26     {
27         ip.getallopction();
28         ScreenUtility.getScreenshot(driver,"Option");
29     }
30     @Test(priority=3)
    Run | Debug
31     public void verifyurl()
32     {
33         String acturl= ip.getAppUrlin();
34         System.out.println("current url is:"+acturl);
35     }
36     @Test(priority=4)
    Run | Debug
37     public void verifyselect() {
38         ip.selectphone();
39     }
40 }
41 @Test(priority=5)
    Run | Debug
42 public void verifyadd()
43 {
44     ip.addoption();
45 }
46
39 |
40 }
41 @Test(priority=5)
    Run | Debug
42 public void verifyadd()
43 {
44     ip.addoption();
45 }
46
47 @Test(priority=6)
    Run | Debug
48 public void verifylink()
49 {
50     ip.cart();
51 }
52 }
53
54
55 @BeforeTest
56 public void launch()
57 {
58
59     driver=new ChromeDriver() ;
60     driver.get("https://www.demoblaze.com/");
61     driver.manage().window().maximize();
62     driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
63     ip=new IndexPage(driver);
64 }
65 }
66 }
67
```