

Experiment 7

The screenshot shows the Eclipse IDE with a Java project named 'sel'. The 'src' package contains 'first.java' and 'Web_Command.java'. The 'first.java' file is open, showing the following code:

```
1 package sel;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.chrome.ChromeDriver;
6
7 public class first{
8
9     public static void main (String args[]) {
10
11         System.setProperty("webdriver.chrome.driver", "C:\\chromedriver.exe");
12         WebDriver driver = new ChromeDriver();
13
14         driver.navigate().to("http://www.google.com");
15
16         driver.findElement(By.name("q")).sendKeys("UPES");
17         driver.findElement(By.name("btnK")).click();
18     }
19 }
20
21 }
```

The 'Problems' view shows several 'Timed out receiving message' errors. The 'Console' view shows the following output:

```
<terminated> first [Java Application] /usr/lib/jvm/java-11-openjdk/bin/java
[1587443526.299][SEVERE]: Timed out receiving message
[1587443526.400][SEVERE]: Timed out receiving message
[1587443526.506][SEVERE]: Timed out receiving message
[1587443526.607][SEVERE]: Timed out receiving message
```

The 'Web_Command.java' file is also open, showing the following code:

```
1 package sel;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.chrome.ChromeDriver;
6
7 public class Web_Command{
8
9     public static void main (String args[]) {
10
11         System.setProperty("webdriver.chrome.driver", "C:\\chromedriver.exe");
12         WebDriver driver = new ChromeDriver();
13
14         driver.navigate().to("http://www.google.com");
15
16         driver.findElement(By.name("q")).sendKeys("UPES");
17         driver.findElement(By.name("btnK")).click();
18
19         String title = driver.getTitle();
20         int titlelength = driver.getTitle().length();
21
22         System.out.println("Title: " + title);
23         System.out.println("Title's length: " + titlelength);
24
25         String actualurl = driver.getCurrentUrl();
26
27         if(actualurl.equals("https://www.google.com/?gws_rd=ssl"))
28         {System.out.println("Verification Successful: Correct url is opened");}
29         else
30         {System.out.println("Verification Failed: Correct url is not opened");}
31
32         String pgr = driver.getPageSource();
33         int pgrsrlen = pgr.length();
34         System.out.println("Page Source's length: " + pgrsrlen);
35
36         driver.close();
37     }
38 }
```

The 'Task List' view shows the following tasks:

- sel
- Web_Command
- main(String[]): void

The 'Outline' view shows the following outline:

- sel
- Web_Command
- main(String[]): void

The 'Problems' view shows the following errors:

- <terminated> Web_Command [Java Application] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (21-Apr-2020, 10:00:57 am)
- Title: Google
- Title's length: 6
- Verification Successful: Correct url is opened
- Page Source's length: 210979

The 'Console' view shows the following output:

```
<terminated> Web_Command [Java Application] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (21-Apr-2020, 10:00:57 am)
Title: Google
Title's length: 6
Verification Successful: Correct url is opened
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The screenshot shows the Eclipse IDE with a Java project named 'sel'. The 'src' package contains 'first.java' and 'Web_Command.java'. The 'Web_Command.java' file is open, showing the following code:

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3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.chrome.ChromeDriver;
6
7 public class Web_Command{
8
9     public static void main (String args[]) {
10
11         System.setProperty("webdriver.chrome.driver", "C:\\chromedriver.exe");
12         WebDriver driver = new ChromeDriver();
13
14         driver.navigate().to("http://www.google.com");
15
16         driver.findElement(By.name("q")).sendKeys("UPES");
17         driver.findElement(By.name("btnK")).click();
18
19         String title = driver.getTitle();
20         int titlelength = driver.getTitle().length();
21
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- main(String[]): void

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