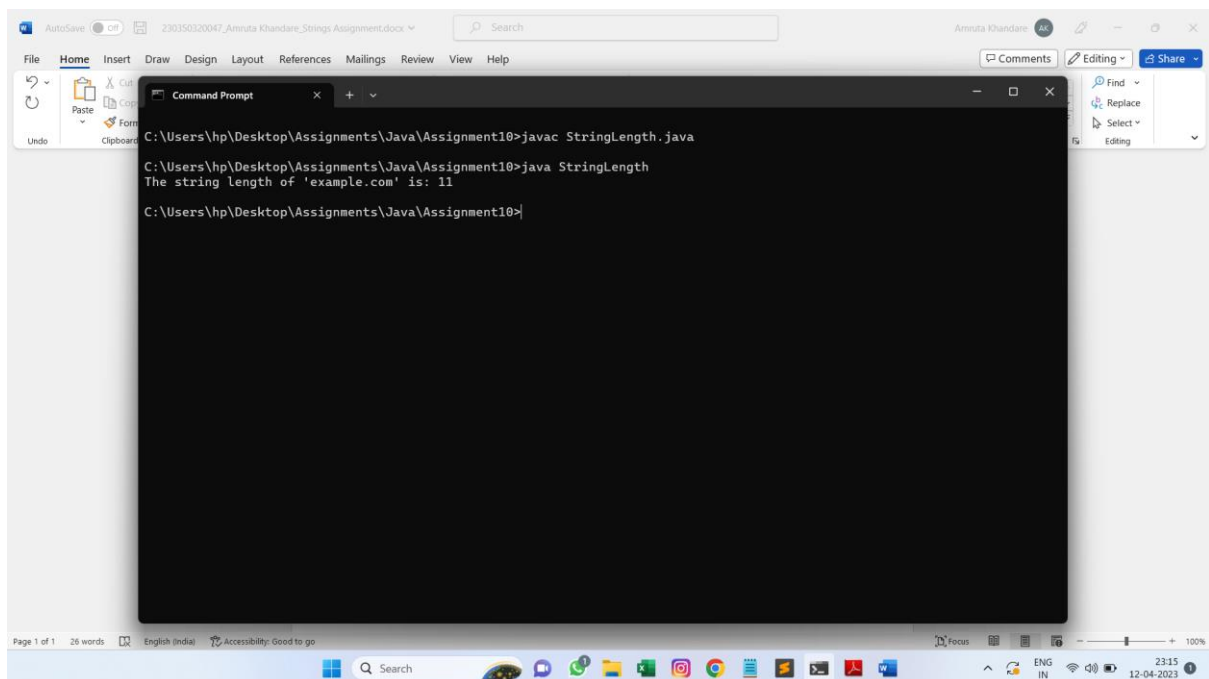


230350320047_Amruta Khandare_Strings Assignment

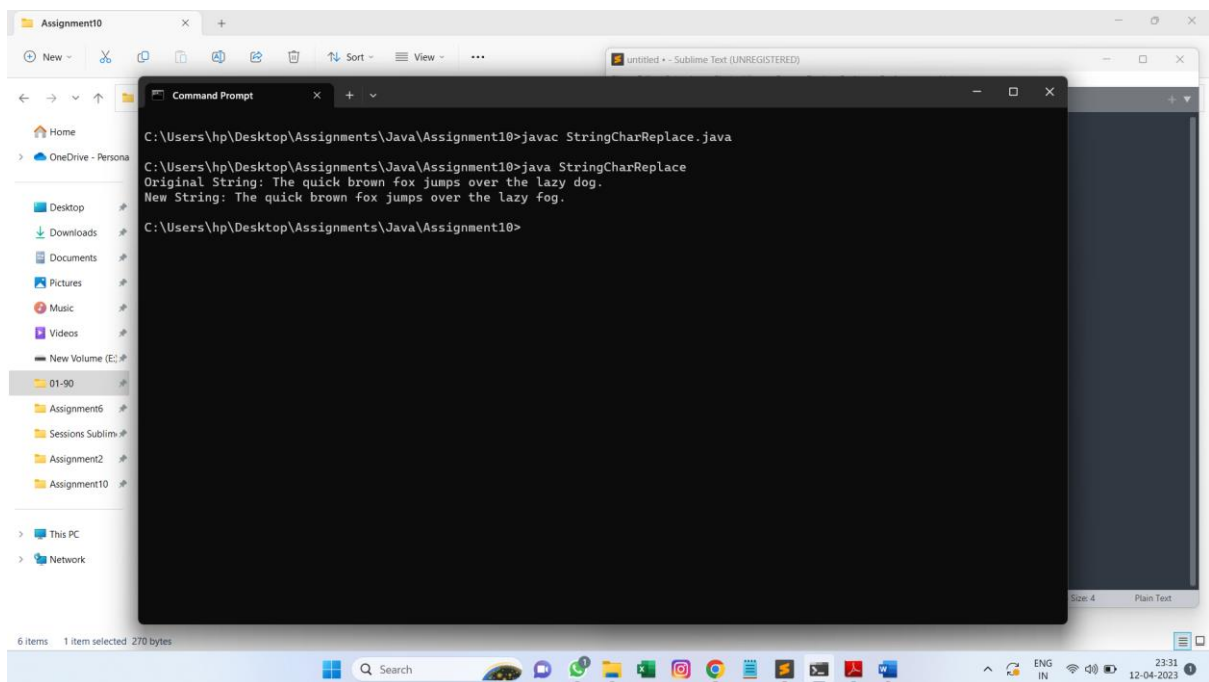
Q1:

```
public class StringLength{  
    public static void main(String[] args) {  
        String str = "example.com";  
        System.out.println("The string length of 'example.com' is:  
"+str.length());  
    }  
}
```



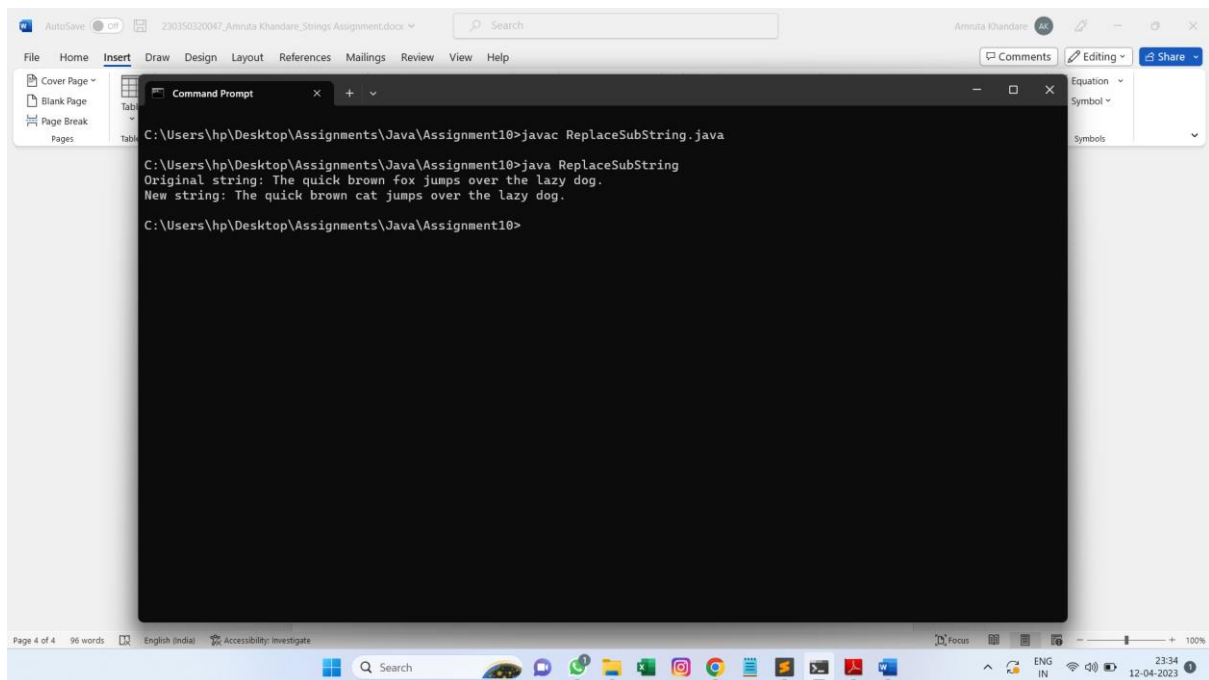
Q2:

```
public class StringCharReplace{  
    public static void main(String[] args) {  
        String s1 = "The quick brown fox jumps over the lazy dog.";  
        String s2 = s1.replace('d', 'f');  
        System.out.println("Original String: "+s1);  
        System.out.println("New String: "+s2);  
    }  
}
```



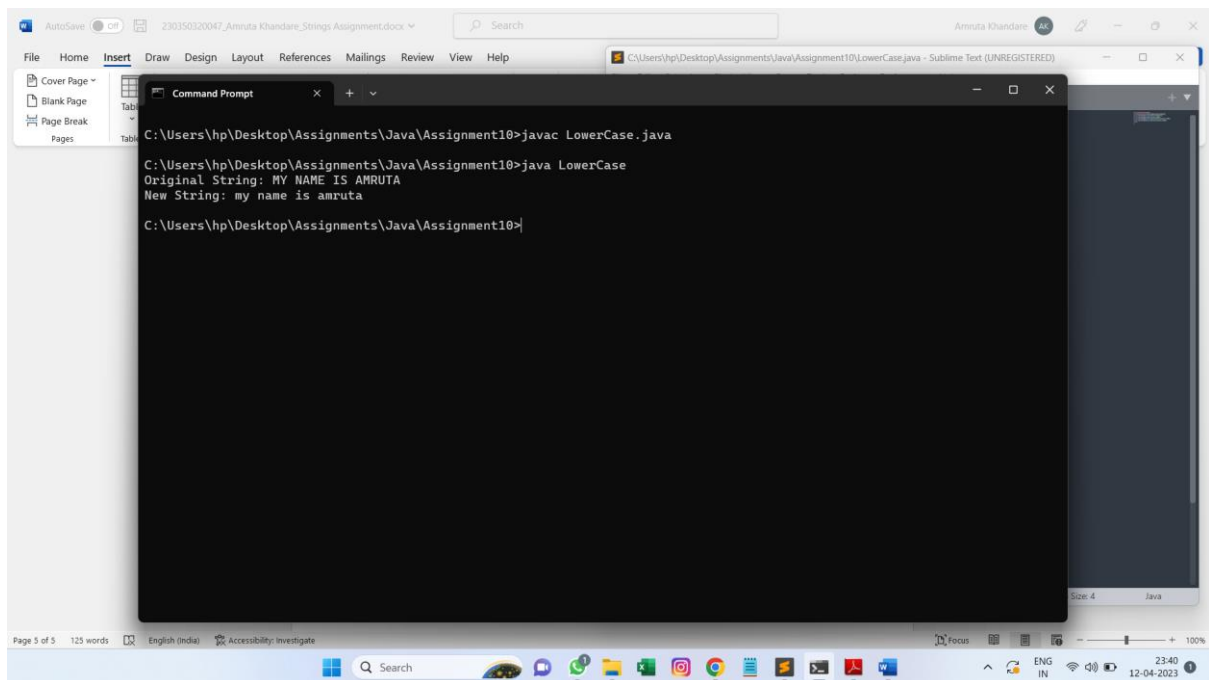
Q3:

```
public class ReplaceSubString{  
    public static void main(String[] args) {  
        String s1 = "The quick brown fox jumps over the lazy dog.";  
        String s2 = s1.replace("fox", "cat");  
        System.out.println("Original string: "+s1);  
        System.out.println("New string: "+s2);  
    }  
}
```



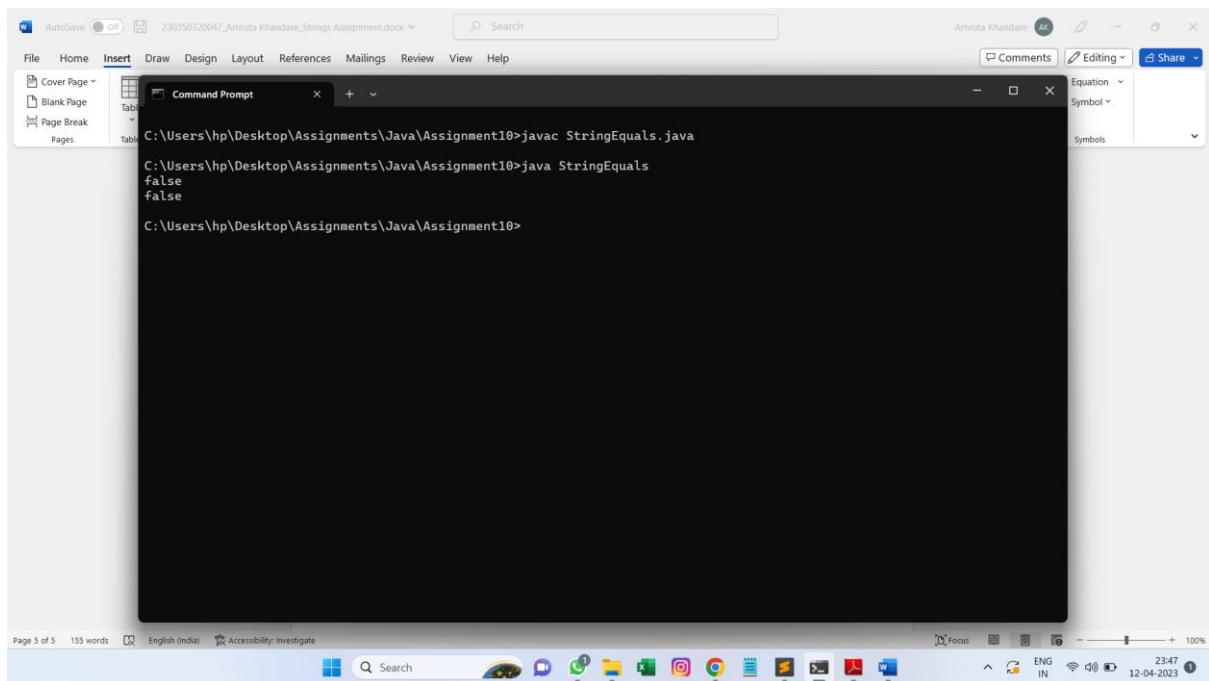
Q4:

```
public class LowerCase{  
    public static void main(String[] args) {  
        String s1 = "MY NAME IS AMRUTA";  
        String s2 = s1.toLowerCase();  
        System.out.println("Original String: "+s1);  
        System.out.println("New String: "+s2);  
    }  
}
```



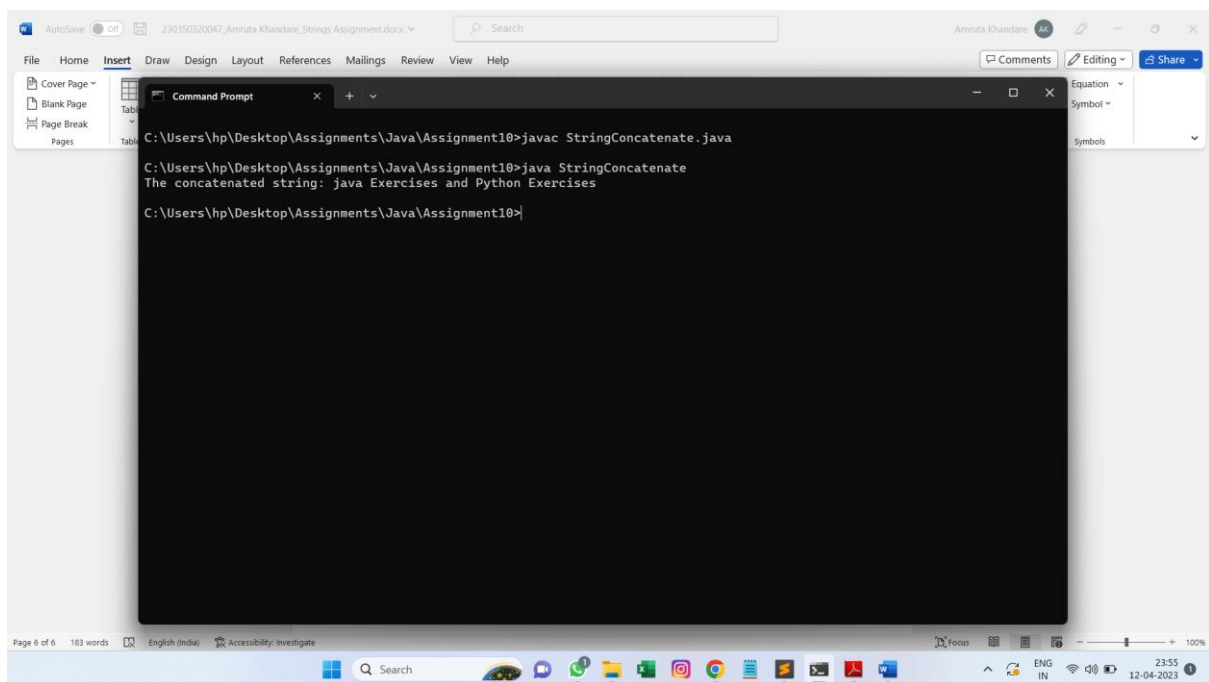
Q5:

```
public class StringEquals{  
    public static void main(String[] args) {  
        String s1 = "Stephen Edwin King";  
        String s2 = "Walter Winchell";  
        String s3 = "Mike Royko";  
        System.out.println(s1.equals(s2));  
        System.out.println(s1.equals(s3));  
    }  
}
```



Q6:

```
public class StringConcatenate{  
    public static void main(String[] args) {  
        String s1 = "java Exercises";  
        String s2 = "Python Exercises";  
        System.out.println("The concatenated string: "+s1+" and "+s2);  
    }  
}
```



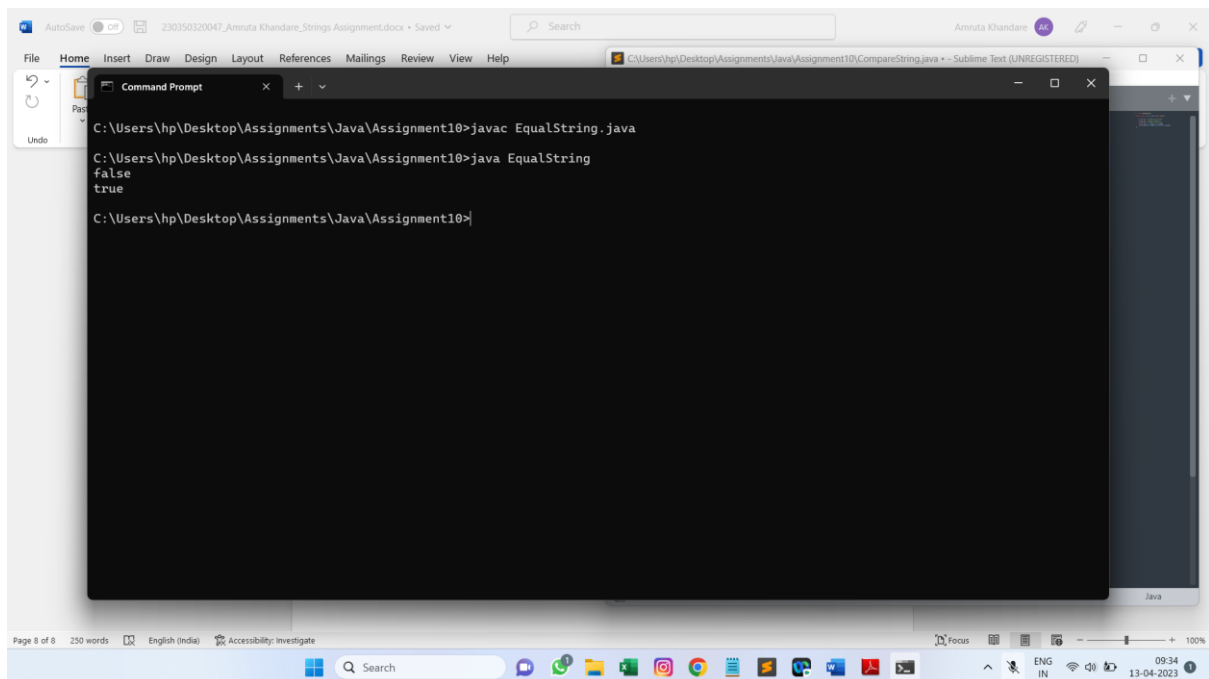
Q7:

```
public class StringEnd{  
    public static void main(String[] args) {  
        String s1 = "Java Exercises";  
        String s2 = "Java Exercise";  
        String s3 = s1.substring(12);  
        String s4 = s2.substring(11);  
        String s5 = "se";  
        System.out.println(s3.equals(s5));  
        System.out.println(s4.equals(s5));  
    }  
}
```

```
C:\Users\hp\Desktop\Assignments\Java\Assignment10>javac StringEnd.java  
C:\Users\hp\Desktop\Assignments\Java\Assignment10>java StringEnd  
false  
true  
C:\Users\hp\Desktop\Assignments\Java\Assignment10>
```

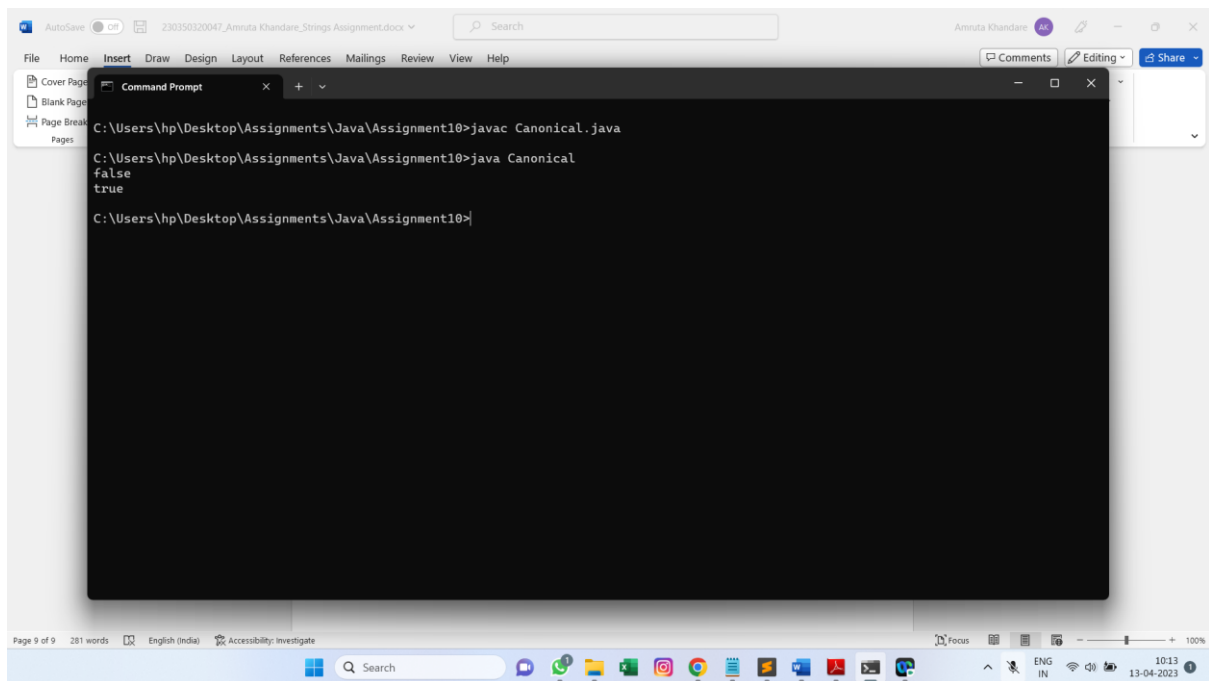
Q8:

```
public class EqualString{  
    public static void main(String[] args) {  
        String s1 = "Stephen Edwin King";  
        String s2 = "Walter Winchell";  
        String s3 = "stephen edwin king";  
        System.out.println(s1.equals(s2));  
        System.out.println(s1.equalsIgnoreCase(s3));  
    }  
}
```



Q9:

```
public class Canonical{  
    public static void main(String[] args) {  
        String s1 = new String("Java");  
        String s2 = "Java";  
        String s3 = "Java";  
        System.out.println(s1 == s2);  
        System.out.println(s2 == s3);  
    }  
}
```



Q10:

```
import java.util.Calendar;

class LocalDateTime{

public static void main(String[] args){

Calendar c = Calendar.getInstance();

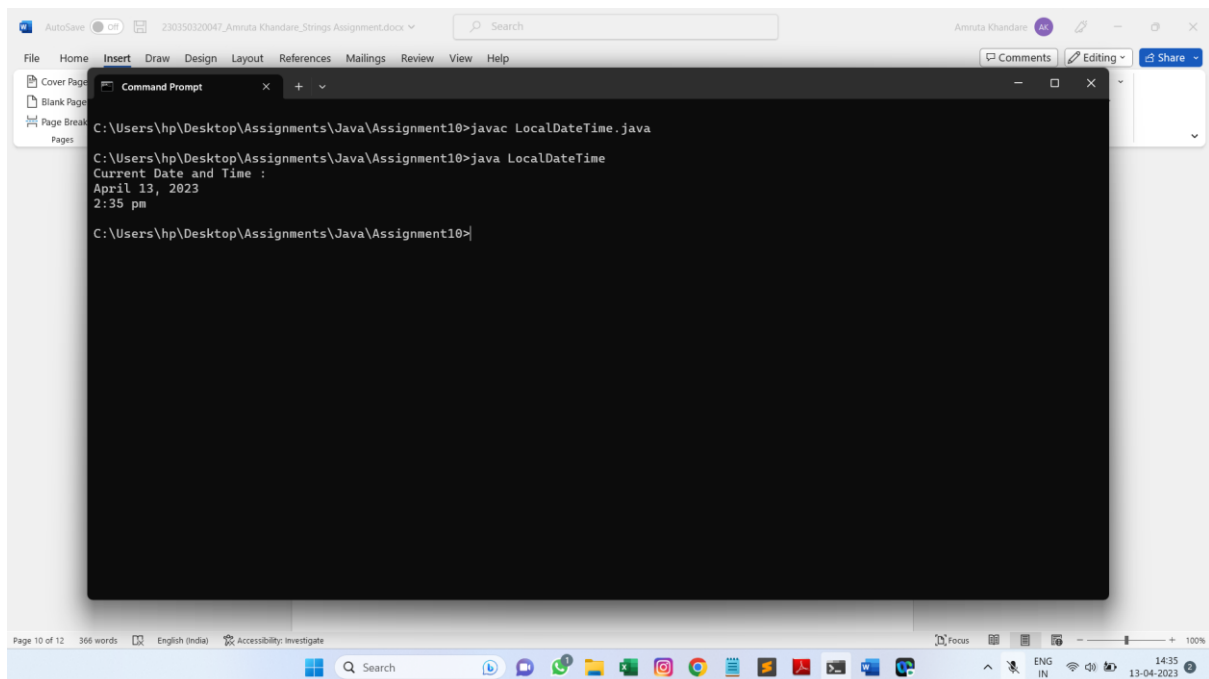
System.out.println("Current Date and Time :");

System.out.format("%tB %te, %tY\n", c, c, c);

System.out.format("%tl:%tM %tp\n", c, c, c);

}

}
```



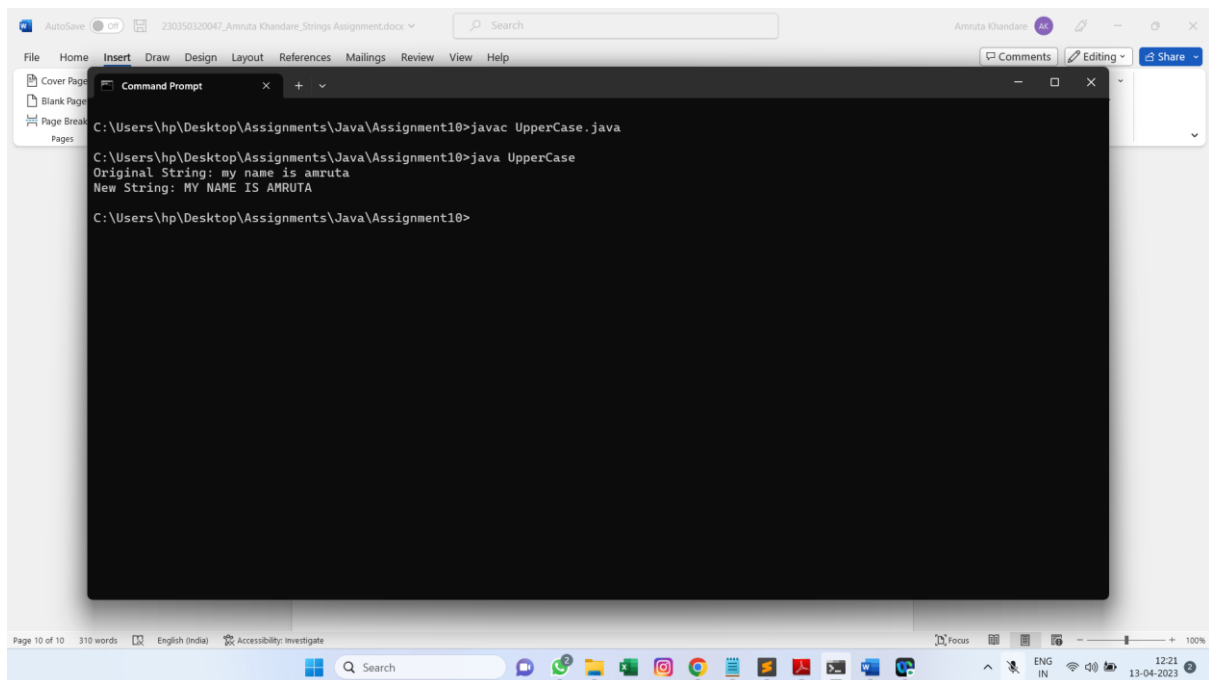
The screenshot shows a Microsoft Word document titled "230350320047_Annuta Khandare_Strings Assignment.docx" in the background. Overlaid on top is a black Command Prompt window. The Command Prompt displays the following text:

```
C:\Users\hp\Desktop\Assignments\Java\Assignment10>javac LocalDateTime.java
C:\Users\hp\Desktop\Assignments\Java\Assignment10>java LocalDateTime
Current Date and Time :
April 13, 2023
2:35 pm
C:\Users\hp\Desktop\Assignments\Java\Assignment10>
```

The Word document's status bar at the bottom indicates "Page 10 of 12", "366 words", "English (India)", and "Accessibility: Investigate". The Windows taskbar at the very bottom shows the date and time as "14:35 13-04-2023".

Q11:

```
public class UpperCase{  
    public static void main(String[] args) {  
        String s1 = "my name is amruta";  
        String s2 = s1.toUpperCase();  
        System.out.println("Original String: "+s1);  
        System.out.println("New String: "+s2);  
    }  
}
```



The screenshot shows a Microsoft Word document titled "230350320047_Amruta Khandare_Strings Assignment.docx" with a Command Prompt window overlaid. The Command Prompt displays the following commands and output:

```
C:\Users\hp\Desktop\Assignments\Java\Assignment10>javac UpperCase.java  
C:\Users\hp\Desktop\Assignments\Java\Assignment10>java UpperCase  
Original String: my name is amruta  
New String: MY NAME IS AMRUTA  
C:\Users\hp\Desktop\Assignments\Java\Assignment10>
```

The Word document's status bar at the bottom indicates "Page 10 of 10", "310 words", and "English (India)". The system tray at the bottom right shows the date and time as "13-04-2023" and "12:21".

Q12:

```
public class WhiteSpaces{  
    public static void main(String[] args) {  
        String s1 = " Java Exercises";  
        System.out.println("Original String: "+s1);  
        System.out.println("New String: "+s1.trim());  
    }  
}
```

