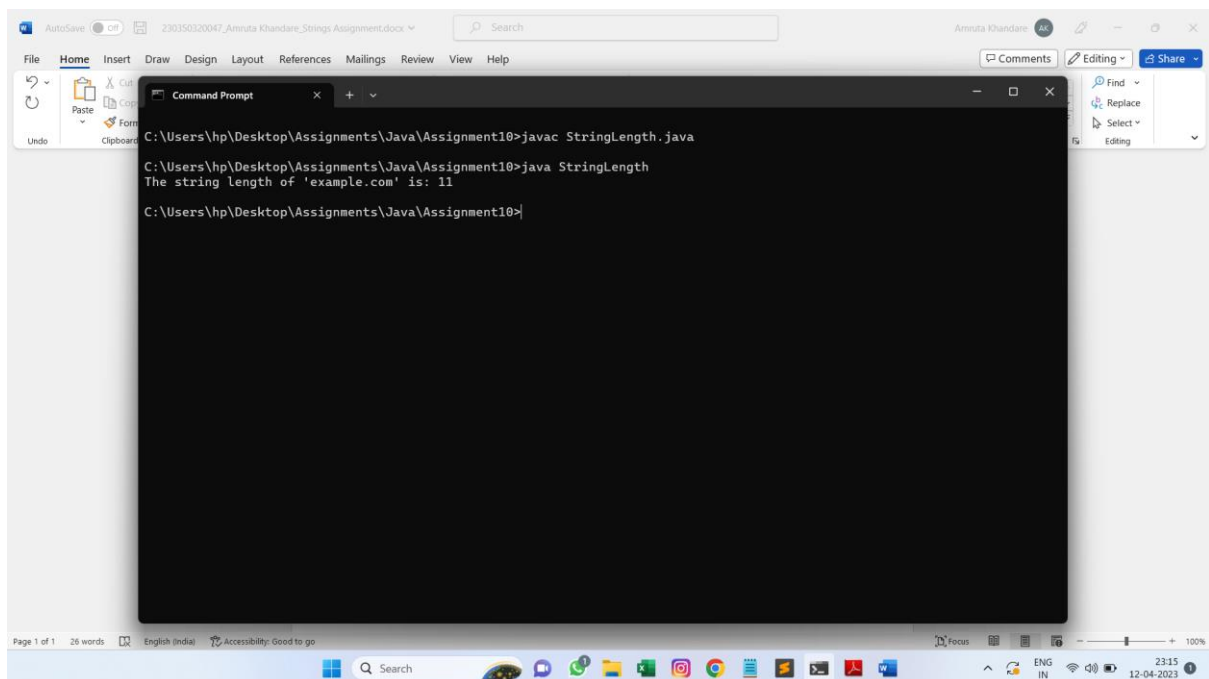# 230350320047_Amruta Khandare_Strings Assignment
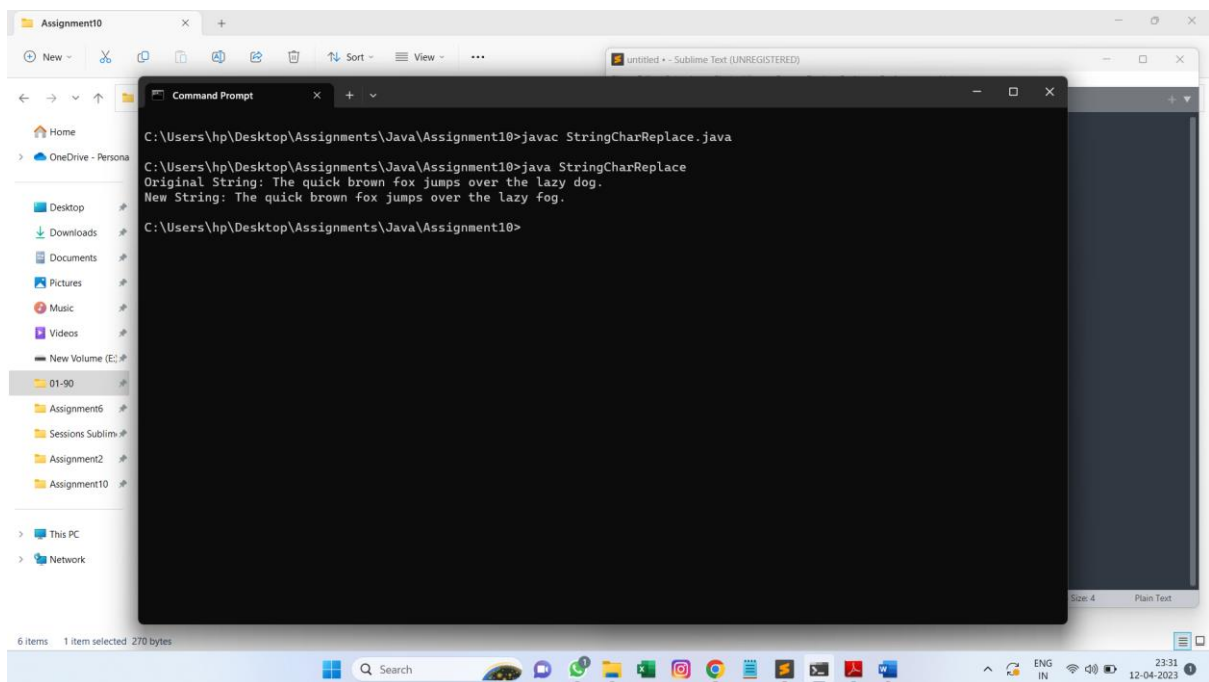
Q1:

```
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());

        }

}
```
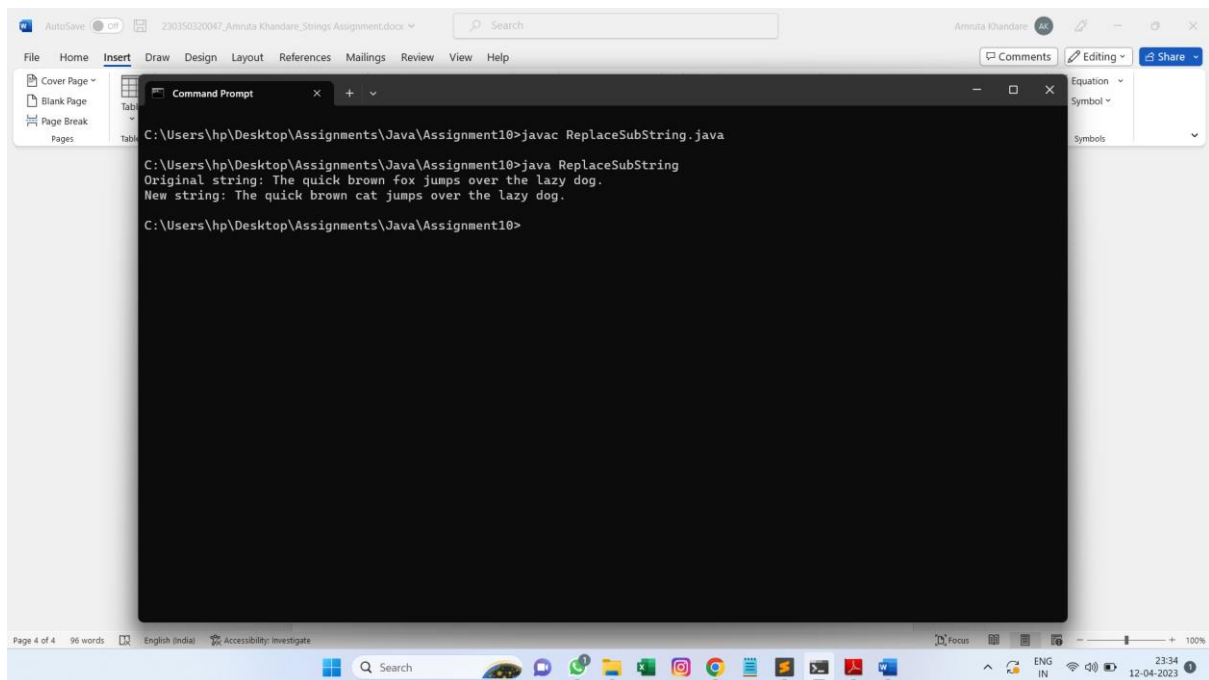
Q2:

```java
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);
	}
}
```
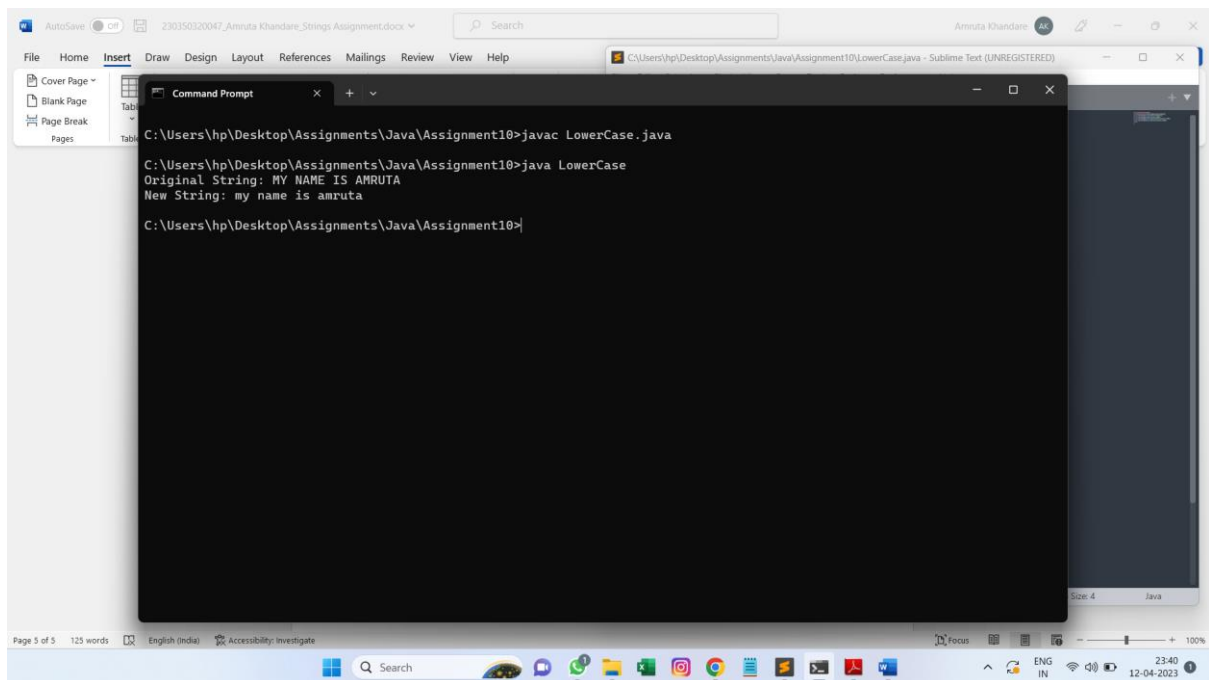
Q3:

```java
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);
    }
}
```
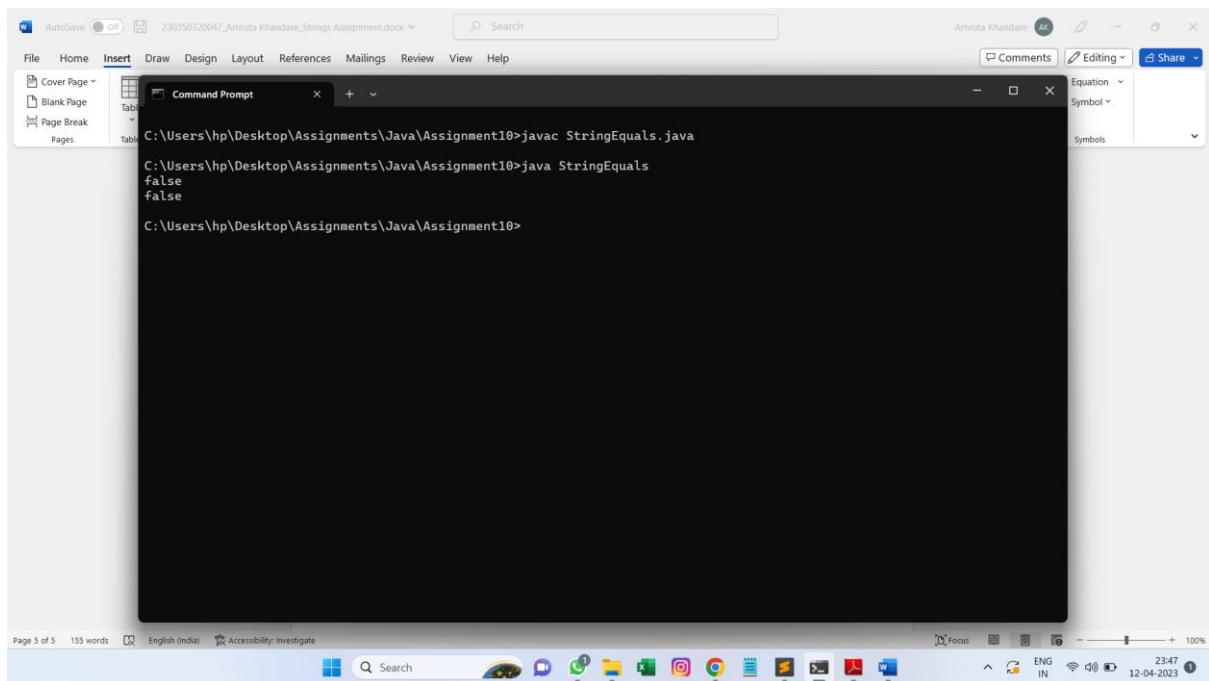
Q4:

```
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);

        }

}
```
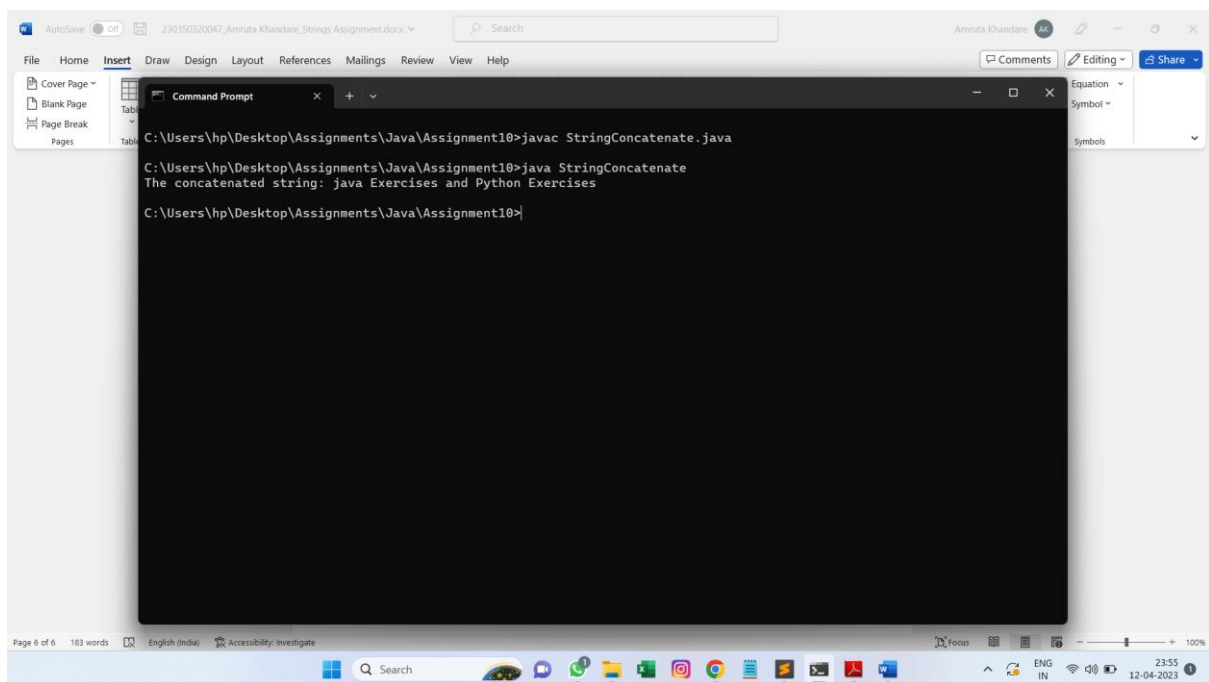
Q5:

```java
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:

```java
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);
    }
}
```
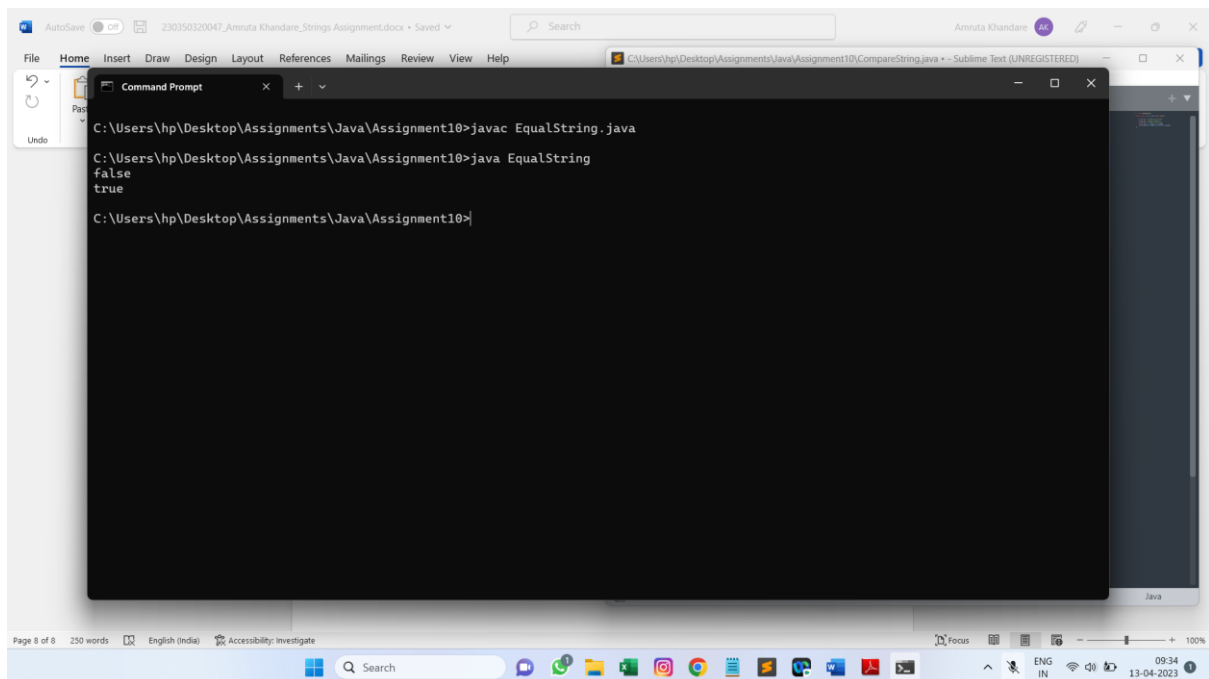
Q7:

```java
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));
        }
}
```
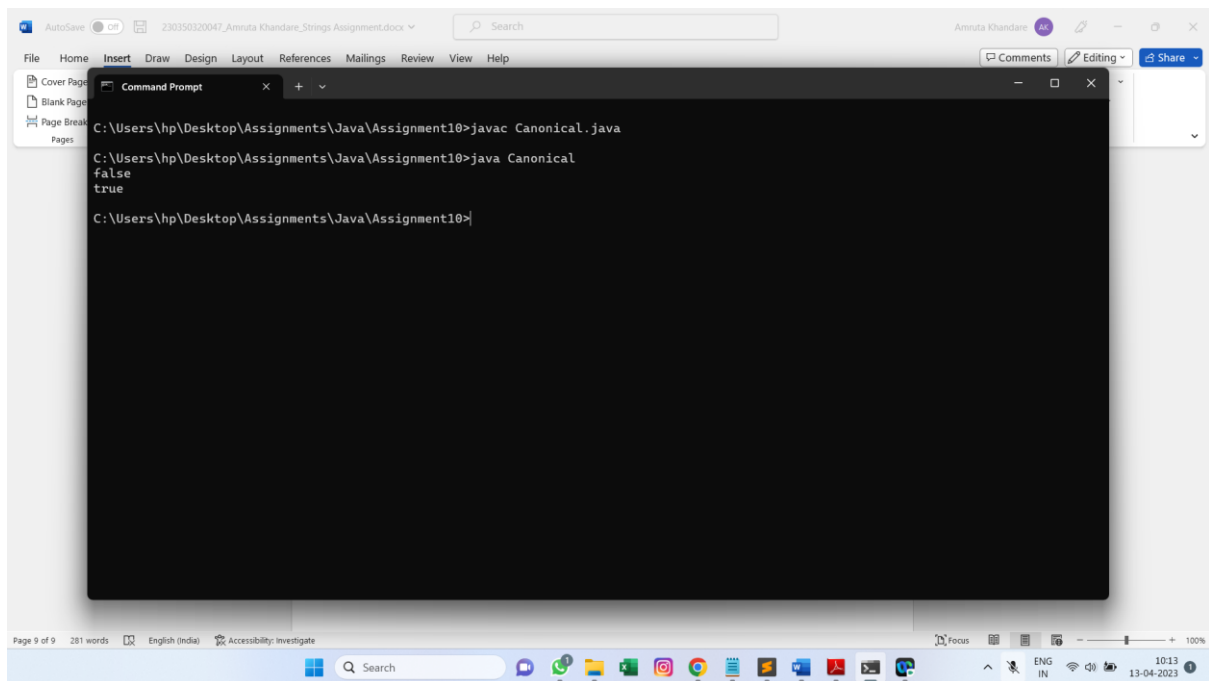
Q8:

```
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:

```java
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("%tI:%tM %tp\n", c, c, c);

}

}
```
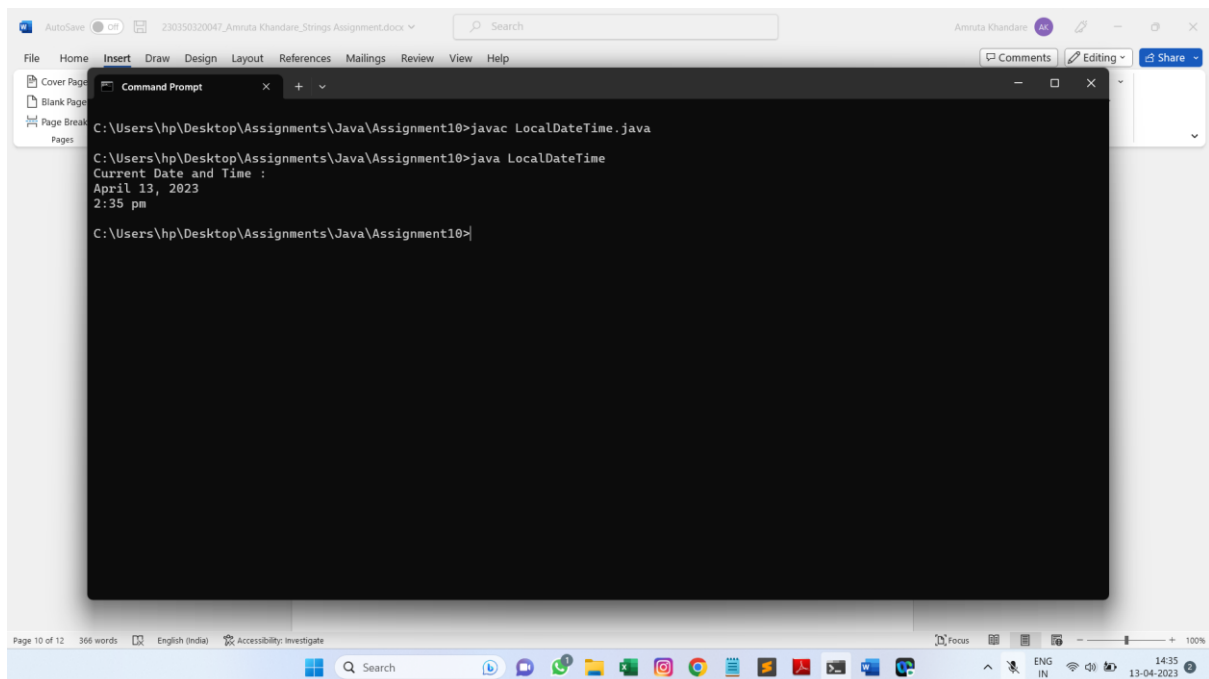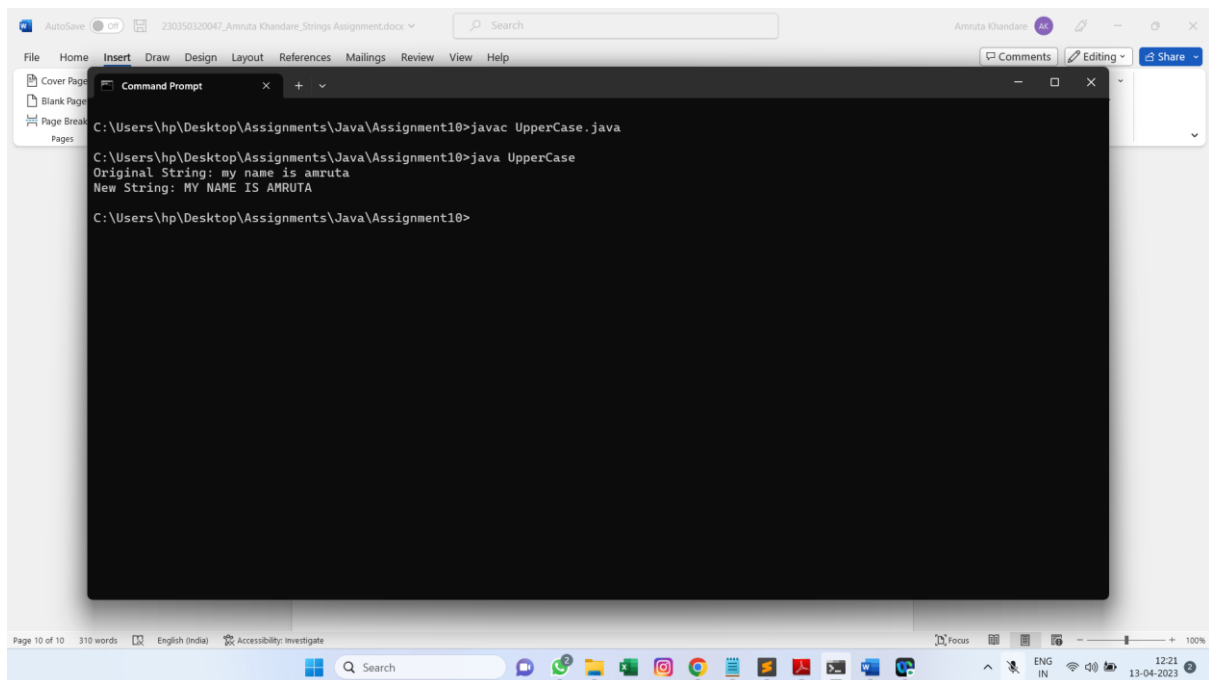
Q11:

```java
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);
        }
}
```

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());

        }

}
```