**Date: 26 Oct 2021**

**Name:**

**Roll Number:**

**SAP ID:**

**Experiment 10**

**TITLE:** Strings Handling and Wrapper Class

1. Write Java program using the following string methods:

* String concat(String str)
* boolean equals(Object anObject)
* [boolean equalsIgnoreCase(String anotherString)](https://www.tutorialspoint.com/java/java_string_equalsignorecase.htm)
* String toUpperCase()
* char charAt(int index)
* int compareTo(String anotherString)

2. Write Java program using the following string methods:

* int hashCode()
* String trim()
* String intern()
* int length()
* String replace(char oldChar, char newChar)
* String substring(int beginIndex, int endIndex)

3. Write a Java code that converts int to Integer, converts Integer to String, converts String to int, converts int to String, converts String to Integer, converts Integer to int.

4.Write a Java code that converts float to Float converts Float to String converts String to float converts float to String converts String to Float converts Float to float.

**Instructions:**

* File name should only be your full roll number: Example: R105XX123.doc
* File type must be word doc.
* Show your name and roll number in each program and output.

**Do the following steps:**

1. Write the algorithm

2. Write the program code

3. Attach the output screenshot