

ASSIGNMENT # 02

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Semester VI

SIBAU

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String All Common Methods

```
class StringMethods
{
    public static void main(String args[])
    {
        String FirstName = "Madan";
        String LastName = "Lal";

        //charAt return character at particular index
        System.out.println(FirstName.charAt(1));
        //codePointAt return AASCII
        System.out.println(FirstName.codePointAt(1));
        //codePointerBefore return AASCII of character before index
        System.out.println(FirstName.codePointBefore(1));
        //return AASCII of specified string
        System.out.println(FirstName.codePointCount(0,2));
        //compareTo compares two strings (if match return 0 else 1)
        System.out.println(FirstName.compareTo(LastName));
        //compare two string ignore case(capital/small)
        System.out.println(FirstName.compareToIgnoreCase(LastName));
        //Append two strings
        System.out.println(FirstName.concat(LastName));
        //string contains given string or not
        System.out.println(FirstName.contains("a"));
        //endsWith return is it end with particular string or not?
        System.out.println(FirstName.endsWith("n"));
        //equals return true if both string are equals else false.
        System.out.println(FirstName.equals("madan"));
        //return index of character if not return -1
        System.out.println(FirstName.indexOf("d"));
        //check string if empty return true else false
        System.out.println(FirstName.isEmpty());
        //return last index of string
        System.out.println(FirstName.lastIndexOf("a"));
        //return length of the string
        System.out.println(FirstName.length());
        //replace character
        System.out.println(FirstName.replace("a","b"));
        //replace first occurance
        System.out.println(FirstName.replaceFirst("a","b"));
        //replace All occurances
        System.out.println(FirstName.replaceAll("a","b"));
        //split string
        String[] str = FirstName.split("d",0);
        for(String a : str)
        {
            System.out.println(a);
        }
        //start with particular character
        System.out.println(FirstName.startsWith("M"));
```

```

        //return sub sequence from 0 to 2-1 index
        System.out.println(FirstName.subSequence(0, 2));
        ///return subString after particular index
        System.out.println(FirstName.substring(2));
        //convert string into lower case
        System.out.println(FirstName.toLowerCase());
        //convert string into upper case
        System.out.println(FirstName.toUpperCase());
        //trim removes whitespace from both ends of string
        System.out.println(FirstName.trim());
        //String.valueOf(anyValue) converts value into string
        int a = 12;
        System.out.println(String.valueOf(a));
    }
}

```

```

C:\Windows\System32\cmd.exe
D:\Summer\JAVA\JAVA-Practice\Assignments\Assignment#02>javac StringMethods.java
D:\Summer\JAVA\JAVA-Practice\Assignments\Assignment#02>java StringMethods
a
97
77
2
1
1
1
MadanLal
true
true
false
2
false
3
5
Mbdbn
Mbdan
Mbdbn
Ma
an
true
Ma
dan
madan
MADAN
Madan
12
D:\Summer\JAVA\JAVA-Practice\Assignments\Assignment#02>

```

End of Assignment 2