

## Assignment:-1

### 1)WAP ON STRING METHOD

```
public class Stringmethods{
    public static void main(String[] args)
    {
        String str1 = "helloo";
        String str2 = "abhishek";
        System.out.println("concatenated string:"+ str1.concat(str2));
        System.out.println("str1 equals 'hello:"+str1.equals("hello"));
        System.out.println("index of 'l' in str1:"+str1.indexOf('l'));
        System.out.println("str1 is empty:"+str1.isEmpty());
        System.out.println("joined string:"+String.join("-", str1));
        System.out.println("last index of 'l' in str1:"+str1.lastIndexOf('l'));
        System.out.println("length of str1:"+str2.length());
        String[] words ="this is a abhishek.".split(" ");
        System.out.println("words in sentence:");
        for(String word : words)
        {
            System.out.println(word);
        }
        System.out.println("substring of str1(1,4):"+str1.substring(1,4));
        System.out.println("trimmed string: '"+ "hello".trim() + "'");
        System.out.println("replaced string:"+str1.replace('l', 'p'));
        System.out.println("string lowercase:"+str1.toLowerCase());
        System.out.println("string uppercase:"+str1.toUpperCase());
    }
}
```

### 2)WAP ON STRING COMPARISION METHOD

```
public class Stringcomparisioninjava{
    public static void main(String[] args) {
        String str1 ="HELLO,ABHISHEK";
        String str2 ="hello,abhishek";
        System.out.println("equal ignore case:"+str1.equalsIgnoreCase(str2));
        System.out.println("region matches:"+str1.regionMatches(true, 0, str2,
0, str1.length()));
    }
}
```

### 3)WAP ON STRING BUFFER METHODS

```
public class StringBufferaMethods{
    public static void main(String[] args) {
        StringBuffer sb = new StringBuffer("hello abhishek");
        sb.append("how are you");
        System.out.println("APPend:"+ sb);
        sb.insert(6, "good");
        System.out.println("insert:"+sb);
        sb.reverse();
        System.out.println("reverse:"+sb);
        sb.setCharAt(0, 'd');
        System.out.println("setcharat:"+sb);
        sb.substring(1, 2);
        System.out.println("substring:"+sb);
        sb.delete(2,3);
        System.out.println("DELETE:"+sb);
        sb.length();
        System.out.println("length:"+sb);
        sb.capacity();
        System.out.println("capacity:"+sb); }
}
```