**Tutorial 6 String Class Methods**

**1)**

# OUTPUT:

String length = 7

Character at 3rd position = n Substring nett

Substring = nne

Concatenated string = BennettUniversity Index of Happy 5

Index of o = 12 Checking Equality false Checking Equality true Checking Equalitytrue If s1 = s2true

Changing to lower Case happyme Changing to UPPER Case HAPPYME Trim the word Have Happy Hours Original String havehappyhours Replaced h with H -> HaveHappyHours

**2)**

# OutPut::::

Length is ::::6

Lower Case ::::bennett Upper Case ::::BENNETT

Concatenated Strings ::::BennettUniversity Character at given index ::::t

Substring ::::nne

Strings are equal?? ::::true Strings are equal?? ::::false Strings are equal?? ::::true Strings are equal?? ::::true Comparison of Strings ::::-19 Comparison of Strings ::::0 Comparison of Strings ::::13

**3)**

Ques. Predict the output of the following code: **1)**

Ans . 4,4

**2)**

Ans. IlikeJava (Java defines an operator +, it is used to concatenate strings)

**3)** Ans: I (charAt() is a method of class String which gives the character specified by the index. obj.charAt(3) gives 4th character i:e I.)

**4)**

Ans : 11

**5)**

Ans: hello world **6)**

Ans: false true (equals() is method of class String, it is used to check equality of two String objects, if they are equal, true is retuned else false.)

**7)**

null [ANS]

1. S1.compareTo(S2) [ANS]
2. xyxyz [ANS] (s1 contains the original value, plus itself, plus "z")
3. 11 [ANS]