

# Lab 6 : Strings and Generics

1. Output : Hello , world

2. Hello world , BMSCE  
65

// String Constructors

3. 20

// length, literal, concat

101 samant

// to String()

4,5) // Use getters () & get Bytes ()

BMSCE

65

66

67

68

69

70

71

ABCDEFG

// toCharArray()

6,7) equals & region matches

Bmsce equals Bmsce → true

Bmsce equals College → false

Bmsce equals BMSCE → false

Bmsce equals IgnoreCase BMSCE → true

8,9,10) startsWith () , endsWith () & equals () vs ==

true

true

false

true

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YOUVA

Hello equals Hello → true  
Hello == Hello → false

11) Sorting using compare to()

Apple

Bones

Corn

Dog

Free

Zebra

### String Buffer Functions

O/P output:

buffer before = Hello // charAt()

charAt(1) = e

buffer after = Hi

charAt(1) after = i

f // getChars()

Hello BMS

a = 30!

~~Java~~

I like Java!

!avaJ ekil I

After delete - This is test

After delete char At : his a test

After replace : his was a test

2.i) Generics

Enter elements in integer array

1      2      3      4      5

Enter elements in second stack

10.0    20.0    30.0    40.0    50.0

Elements of stack 1

5

4

3

2

1

Elements of stack 2

50.0

40.0

30.0

20.0

10.0

~~WAO~~  
 23-1-24