

## LAB 6: strings & Generics

1. OUTPUT: Hello, World // string constructors
2. Hello World, BMSCE // length, literal, concat  
5
3. 20 // to String()  
101 samraat
- 4,5) // use getChars() & getBytes()  
BMSCE  
65  
66  
67  
68  
69  
70  
71  
ABCDEFGG // toCharArray()
- 6,7) equals and 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



Hello equals Hello  $\rightarrow$  true  
Hello == Hello

11) Sorting using compare to()

Apple

Bones

Corn

Dog

Tree

Zebra

### String Buffer Functions

O/P Output:

buffer before = Hello

charAt(1) = e

buffer after = Hi

charAt(1) after = i

```
f //getchar()
```

Hello BMS

a = 30!

I like Java!

!awa J ekil I



After delete : This is test

After delete charAt : his a test

After replace : his was a test

## 2. Generics

Enter elements ~~is~~ is 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

Elements of stack 2

5

50.0

4

40.0

3

30.0

2

20.0

1

10.0