STRINGS

1. Demonstrate various string constructor with proper java programs.

Olp -
S = javaprogramming
S1 = programming

2. Demonstrate string length, string litural, string concat.

Length of S = 15
Length of S1 = 11
Length of literal (Java) = 4
This is Lab 6 program

3. Demonstrate tostring();

Dimensions are 3.0 by 5.0 by 4.0
Box b: Dimensions are 3.0 by 5.0 by 4.0.

4. Using getchars() , extract Bmsce from "Welcome to Bmsce college".

Extracted :
BMSCE

5. Demonstrate getbytes(), tocharArray() with proper java programs.

The String (JAVA) after conversion is :
87 74, 97, 11 8, 97
The String (JAVA) after toChar Array is:
JAVA

6.

Bmsce equals Bmsce → true
Bmsce equals College → false
Bmsce equals BMSCE → false
Bmsce equalsIgnoreCase BMSCE → true

7. Using regionmatches() find the substring "Bmsce College" from the string "Welcome to Bmsce College of Engineering", if matches display substring is matched otherwise display not matched.

String : Welcome to Bmsce college of Engineering
Substring is matched.

8. Demonstrate startswith ().

String : Welcome
Startswith 'Wel' = true

9. Demonstrate endswith()
String : Welcome
Endswith 'ome' = true
Endswith 'w' = false

10. Demonstrate the output for equals ( )
versus ==

o/p -

s1 = " Java "
s2 = " Java "
s1 equals s2 → true
s1 == s2 → false

11. Write a java program to perform sorting using compareTo ( )

apple
ball
cat
dog
ent
free
gun
hen
ice
jug
kite
lift
mas
net
orange
parrot
queen
ring
star
tree

umbrella

van

watch

xmas

yatch

zee

12. Write sorting of numbers from 10 to 1 using compare to ()

Sorted numbers are:

1   2   3   4   5   6   7   8   9   10

13. WAP to using substring (), index of (), +, for replacing "was" to "is"
"Thwas was a test. Thwas was, too"

o/p :-
Thwas was a test. Thwas was, too
This was a test. Thwas was, too
This is a test. Thwas was, too
This is a test. This was, too
This is a test. This is, too.

14. WAP to demonstrate concat ().

o/p -
s1 = hello
s2 = world
Concatenated = helloworld.

15. WAP to demonstrate replace ().

O/p -
Welcome to BMSCE College of Engineering
After replace ()
Welcome to BMSCE commege of Engineering

16. WAP to demonstrate trim ()

O/p-
String = " Hello friends "
After trim ()
Hello friends

10.01.24