

16-01-24

## Practice Programs: string Handling (output)

1. // string constructors.

BMSCE

MSC

BMSCE

2. // string length, string literal, string concat

JAVA 5

AV 7

JAVA A year has 52 weeks.

3. To string(), charAt

Person { name = 'John', age = 25 } b

4. getChar()

Bmsce.

5. getBytes(), toCharArray()

72 101 108 108 111

H e l l o

6. Bmsce equals Bmsce → true

Bmsce equals College → false

Bmsce equals BMSCE → false

Bmsce equals IgnoreCase BMSCE → true

7. regionMatches()

substring is matched.

8. `startswith()`  
true

9. `endswith()`  
false

10. `equals()` versus `==`

World `equals` World  $\rightarrow$  true

World `==` World  $\rightarrow$  false

11. `compare to()` // alphabets

apple

ball

cat

dog

ent

free

gun

hen

ice

jig

kite

man

net

orange

parrot

queen

ring

star

watch

zeel



12. compareto() // numbers

1

2

3

4

5

6

7

8

9

13. substring(), index of()

thwas was a test. Thwas was, too.

This was a test. Thwas was, too.

This <sup>is</sup> was a test. ~~Thwas~~ was, too.

This is a test. This was, too.

This is a test. This is, too.

14. concat()

helloworld

15. replace()

commage

16. trim()

Hello Friends

~~student records:~~

17. Enter details for student 3:

Registration number: 18

Full Name: Ajay

Semester: 2

CGPA: 9.15

Student Record:

Registration Number: 18

Full Name: Ajay

Semester: 2

CGPA: 9.15

### 18. String Buffer

After `setLength(5)`: Hello

Character at index 0: H

After `setCharAt(0, 'X')`: xello

`getCharAt(0, 5)`: xello

### 19. Bird Demo

Eagle Actions:

Eagle is soaring high in the sky

Eagle screeches loudly

Hawk Actions:

Hawk is gliding through the air

Hawk makes a sharp cry.

### 20. Shape Demo

Circle - Area: 76.5398, Perimeter: 31.4159

Triangle - Area: 6.0; Perimeter: 12.0