

06/01/2024

## Lab-6

classmate

Date \_\_\_\_\_

Page \_\_\_\_\_

### 2) Output

str = "Hello World"

string length = 12

first name = "John"

last name = "Cena"

concat = "John Cena"

### 4) Output = Bmsle

8) String 1: Hello, World

Prefix: Hello

startsWith() Result: True

String 2: Java Programming

Prefix: Python

startsWith() Result: False

### 9) Output →

String 1: Hello World

Postfix: World

endsWith() Result: True

String 2: Java Programming

Postfix: Python

endsWith() Result: False

6) Output :

Bmsce equals Bmsu  $\rightarrow$  True

Bmsu equals College  $\rightarrow$  False

Bmsu equals BMSLE  $\rightarrow$  False

Bmsce equals ignorecase BMSLE  $\rightarrow$  True

10)

Output :

String str1 = new String ("Hello")

String str2 = new String ("Hello")

Using equals() : True

Using == : False

String str3 = "Java"

String str4 = "Java"

using equals() : True

Using == : True

1) Output:

apple

ball

cat

dog

ent

Free

gun

her

ice

jig

kite

lift

man

net

orange

parrot

queen

ring

star

tree

umbrella

van

watch

zoo

garden

zee

12) Output:

Sorted Numbers (Descending Order):

10

9

8

7

6

5

4

3

2

1

13) Output:

Original string: Thwas was a test. Thwas was, too

Modified string: This is a test. This is, too



14) Output

String s1 = "Hello"

String s2 = "World"

concatenated string = HelloWorld

*[Signature]*  
16.01.21

1) Hello, World!

Hello

Hello

Java.

3) Dimensions are 10.0 by 14.0 by 12.0.

5) Byte-Array.

Bytes - 72 101 108 111 44 32 87

117, 14 108 100 33

Char Array:

7) Substring is matched

15) Original String: Welcome to College  
Modified String: Welcome to Rommage

16) Original String: 'Hello friend'  
Trimmed String: 'Hello friends'

17) Enter details for student 1:

Registration Number: 476

Full Name: Rushil

Semester: 3

CGPA: 8.9

Enter details for student 2:

Registration Number: 44

Full Name: Adnan

Semester: 3

CGPA: 9.2

Enter details for student 3:

Registration number: 1702

Full Name: Dev

Semester: 3

CGPA: 7.2

15) After strlen(5): Hello  
 charAt(1): After subchar (1, 'o') :  
 Helloget char (0, 5, charArray, 0) : Hello  
 After operand : Hello World : After  
 insert (6, "Java") : Hello, Java World!

reverse: !dlroW avaT olleH

delete (5, 11): !dlro, olleH

After delete charAt(1): !dlro, olleH

After replace (7, 12, "world") :

Hello, world Substring (7, 12): world

20) Circle:

Area: 78.5421

Perimeter: 31.4159

Triangle

Area: 6.0

Perimeter: 12.0