

16/1/24

Practice Programs Output

Program-1

Hello, World!

Hello

Java Programming

Java

ABCDE

Java

BCD

Program-2

String 1: Hello,

String 2: Java!

Concatenated String: Hello, Java!

Program - 3 & 4

College { name = 'Welcome to Bmsce College' }

Extracted Substring: Bmsce

Program - 5 (Part 1)

Bytes representation:

72 101 108 108 111 44 32 87 111 114 108 100 33

Original String: Hello, World!

Program - 5 (Part 2)

Char array representation:

Java programming

Original String: Java programming

Program - 6

Bmsce equals Bmsce → True

Bmsce equals College → False

Bmsce equals BMSCE → False

Bmsce equals ~~College~~ Case BMSCE → TrueProgram - 7

Substring is matched

Program - 8 & 9

Hello, World! Starts with Hello → true

Java Programming Starts with Python → False

Hello, World! ends with World! → true

Java Programming ends with C++ → False

Program - 10

Hello! equals Hello! → True

Hello! == Hello! → False

Program - 11

Sorted Words:

Sorted Words:

apple
ball

cat

dog

ent

fee

gun

hen

ice

jug

kite

lift

man

net

orange

parrot

queen

ring

star

tree

umbrella

van

watch

xmas

yatch

zee

Program-12

Sorted Numbers (Descending order):

10

9

8

7

6

5

4

3

2

1

Program-13

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

Program-14

Concatenated String: HelloWorld

Program-15

~~Original String: This is my College.~~

~~Modified String: This is my College.~~

Program - 16

Original String : 'Hello Friends'

Trimmed String : 'Hello Friends'

Program - 17

Enter details of for Student 1:

Registration Number : 1

Full Name : A

Semester : 1

CGPA : 9

Program - 18

After setlength(5) : Hello

Character at index 1 : e

After setCharAt(1, 'a') : Hallo

After append() : Hallo Appended!

After insert(7, 'Inserted') : ~~Hell~~

Hallo ~~Inserted~~
ppended!

After reverse() : ! dednopp det resnTA
ollaH

After delete(5, 14) : ! dednsnTA ollaH

After deleteCharAt(0) : dednsnTA ollaH

After replace(0, 4, 'Replaced') :

ReplacedsnTA
ollaH

Substring from index 3 to 7 : laced

Program - 19

Details about Eagle:

Eagle flies high in the sky with powerful wings.

Eagle makes a sharp and distinctive cry.

Details about Hawk:

Hawk soars through the air with agile maneuvers.

Haas emits a high-pitched scream while flying.

Program - 20

Details of Circle:

Area: 78.53981633974483

Perimeter: 31.41592653589793

Details of Triangle:

Area: 6.0

Perimeter: 12.0

Pr
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