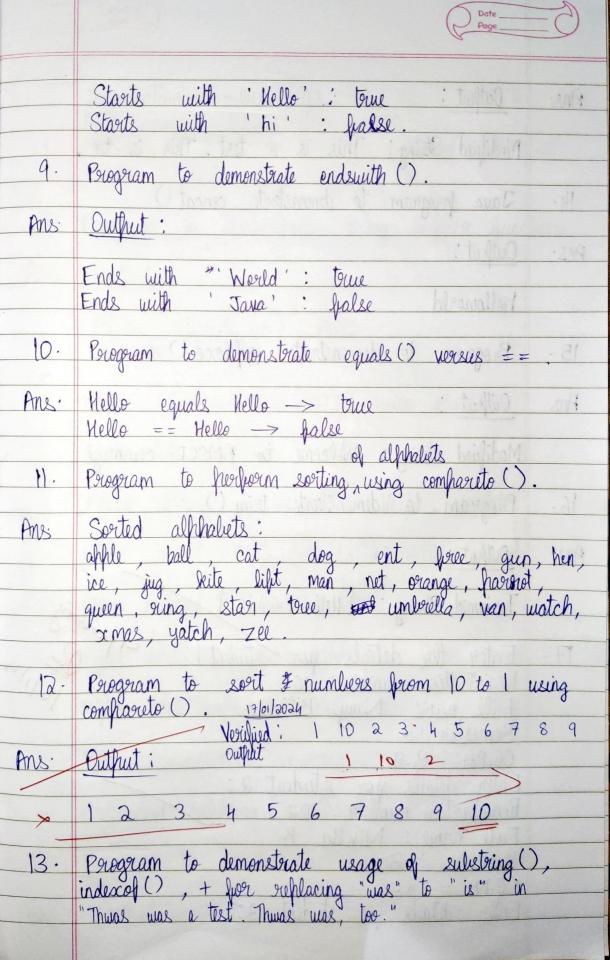
	Date
16/01/2023	Lab Programs &:
1.	Program to demonstrate string constructors.
Ans.	class StringConstructors ? Jublic static word main (String orge []) {
() _g	String sl = "hello"; System. out. fraintln(sl); System chars[] = { a, b', c d' }; Str
8 23	Output: 8 18 18 18 18 18 18 18 18 18 18 18 18 1
	Hello Abc Hello Hell
2.	Perogram to demonstrate string length, string literal and string concat.
Ans	Outhut: 5 Hello, Nikhilesh! Hello Mikhilesh
3.	Perogeram to demonstrate to String ().
Ans.	Output:
	Dimensions are 10.0 by 14.0 by 12.0 box b: Dimensions are 10.0 by 14.0 by 12.0

	Page
4.	Powgram to extract a substring using getchars ()
Ans	Outfut:
	Extracted substring: Brusce
5.	Program to demonstrate getbytes () and techarporay ()
Ans:	Output:
	Byte Agray: 72 101 108 108 111 114 108 100 33 Char Agray: Java Programming
6.	Program to demonstrate equals.
Ans:	Outfut:
	Brusce equals Brusce -> true Brusce equals Collège -> fialse Brusce equals Brusce -> fialse Brusce equals IgnoreCase Brusce -> true.
7.	Perogram to find substring using engionmatches ().
Ans.	& Output:
	Substring is matched.
8.	Perogram to demonstrate startwith ()
Ans	Output:



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Output:
Modified String: This is a test. This is too.
Java program to demonstrate concat().
Output:
helloworld
Program to demonstrate suplace ()
Output:
Modified string: Welcome to BMSCE commege.
Perogram to demonstrate teim ()
Output:
Tourned Storing: [Hello Foriends]
Enter the details for student 1: Registration number: 10 Full name: Navya Billalar Semester: 3 CGPA: 8.9 Enter details for student 2: Registration number: 102 Full name: Nixita B Semester: 3 CGPA: 8.8 Enter details for student 3:

	Page
	Registration number: 103 Full name: Nikhilesh Semester: 3 continued after (20) CGIPA: 9-3
18.	Program to demonstrate string buffer functions.
Ans:	Outfut:
	Apter setlength (5): Hello Character at index 1: e
	Aliter setcharat (7, 'M'): Hello, Morld!
	Extracted characters: Hello
	After append (", World!"): Hello, World!
	After insert (5, ", World!"): Hello, World!
	After reverse: ! dlrow, olleh
	Afriter delete = (7,12): Hello!
	Aliter delete CharAt (5): Hello World!
	Aliter replace (7,12," universe"): Hello, universe
	Extracted substring (7,12): Universe
19.	Perogram to create an alutract class bird
Ans.	Output:

) Date

Eagle: Eagle blies high in the sky Hawk: Hawk soars gracefully through the air, Hawk emits priercing 20. Perogram to create an alistract class shape Output: Ans. Circle - Agrea: 78.5398, Perimeter: 31-415 Triangle - Area: 6-0 Perimeter: 12-0 Continuation of Output: Enter details for student 4:
Registration Number: 104
Full Name: Ankit
Semester: 3
CGIPA: 8.5 Enter details for student 5: Registration number: 105 Full Name: Ben Semester: 3 CGIPA: 8.6 Student records: Registration number: 10 Full Name: Navya Billalar Semester: 3

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18	Program to demonstrate Setlength (), Charat (), extcharat get chars (), appliend (), Insert (), reverse (), delete (), delete (), substring ().
AUS:	Dittut:
	CGIPA: 8.9
	Registration number: 102
	Asserted The Many
	Student records (Sorted by CGPA):
	Registration Number: 103 Full Name: Nikhilesh
	Registration Number: 10
	Registration Number: 102
	Registration Number: 105
	Registration Number: 104
	Student Records (Sorted by Name):
	Registration Number: 104 Full Name: Ankit
	Full Name: Ben

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150	Full name: Navya Billalar Full name: Nikhilesh &
	Full name: Nikita
	22/1/2024
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