LAB - 6

① Hello, World!
Hello
Hello
Java

② String Length : 13
String Literal 1: Java
String Literal 2: Java
are String Literals Equal? true
Concatenated String : Vinuthna srijeswari

③ Dimensions are 10.0 by 14.0 by 12.0. Box b: Dimensions
are 10.0 by 14.0 by 12.0

④ Extracted Substring: Buscl

⑤ Byte Array:
Bytes: 72 101 108 108 111 44 32 87 111 114 108 100 33
Char Array:
Chars: in java labs

⑥ Using equals(): Buscl equals Buscl -> true
Using equals(): Buscl equalscorege -> false
Using equals(): Buscl equals BUSCE -> false
Using equalsIgnoreCase : Buscl equalsIgnoreCase BUSCE -> true

⑦ Substring is matched

⑧ Starts with 'Hello': true
Starts with 'Vinuthna: false

⑨ Ends with 'Buddy': true.
Ends with vinuthna: false.

(10) Hello equals Hello → true

Hello == Hello false

(11) Sorted words:

apple	free	kite	parrot	umbrella	zee
ball	gun	lift	green	van	
cat	hen	may	ring	watch	
dog	ice	net	star	xmas	
eat	jug	orange	tree	yatch	

(12) Sorted Numbers: 11023456789

(13) Original String: Thwas was a test. Thwas was too

After Replacement: This is a test. This is, too

(14) Concatenated Strings: helloworld.

(15) Original String: Welcome to college.

Modified String: welcome to commege

(16) Original String: 'Hello Friends!

Trimmed String: 'Hello Friends!

(17) Enter details for student 1:

Registration Number: 01

Full Name: Ria

Semester: 3

CGPA: 9-8

Enter details for student 2:

Registration Number: 02

Full Name: Pooja

Semester: 3

CGPA: 10

Student Records:
Registration Number: 1
Full Name: Vivw
Sem Index: 3
CGPa: 9.8.

Registration Number: 2
Full Name: Pooja
CGPe: 10.0.

(18) After setlength(5): Hello
charAt(1)= eAfter setChatAt(1, 'a'): HallogetChar(1, 5,
CharArray,0): Hella
After apped: Hello World! After insett(6, ',Java'): Hello
Javaworld !

After reverse: !dlroWavaJ, olleH
After delete (5, 11); !droo, olleH
After delete ChasAt(1): !lro, olleH

After replace (7, 12, "World"): Hello, World Substring(7,12):
World.

(19) Eagle: Elgle files high in the sky.
Eagle Screeches loudly.

Hawk:
Hawk Soars gracefully through the air.
Hawk emits a piercing cry.

(20) Circle:
Area: 78.539816 —— Perimete: 31.415926 ——
Triangle:
Area: 6.0
Perimeter: 12.0.