

- ①
- Created a String using a literal.
 - Created a String using a new keyword.
 - Created a String using StringBuffer.

② String literal: Hello,
String length: 7
String concatenation: Hello, World!

③ Original Number: 42
toString of number: 42
Original float: 3.14
toString of float: 3.14
Original Boolean: true
toString of Boolean: true

④ Extracted SubString: BMSCE

⑤ Byte Array: 72 101 108 111 42 32 111

Char Array: J a v a i f j o n !

⑥ Bmsce equals Bmsce → true
Bmsce equals College → false
Bmsce equals BMSCE → false
Bmsce equals Ignore Case BMSCE → true

- (1) Substring is matched
- (2) Starts with "hello": true
Starts with "world": false
- (3) Ends with "world": true
Ends with "hello": false
- (10) Using equals(): true
Using ==: false
- (11) Sorted words:

apple	ball	cat	dog	eat	free
gun	hen	ice	jug	kite	light
man	net	orange	parrot	queen	
ring	star	tree	umbrella	van	
watch	xmas	yacht	zee		
- (12) Sorted Numbers:

1	2	3	4	5	6	7
8	9	10				
- (13) Modified String: *This is a test, This is, too.
- (14) Concatenated String: hello world
- (15) Modified String: Welcome to Bmsce college
of Engineering
- (16) Original String, "Hello Friends"
Trimmed String: 'Hello Friends'

13) String Student Record:

Registration Number: 101

Full Name: John Doe

Gender: M

Age: 23

14) Set length: Hello

charAt(1): e

setCharAt(1, 'x'): Hxello

getChars(0): Hxello

append: Hxello Java

insert(6, 'Awesome'): Hxello Awesome Java

15) Eagle is flying high in the sky.

Eagle makes a screeching sound.

Hawk is gliding gracefully.

Hawk makes a sharp cry.

20) Circle Area: 28.53981633974483

Circle Perimeter: 31.41592653589793

Triangle Area: 6.0

Triangle Perimeter: 12.0

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