16/01/24

1. Demonstrate various String constructors w/ java pgm

   Java
   Java
   ABCDEF
   CDE
   cde

2. stringlength(), string literal, string concat

   3
   6
   He is 19 years old
   four: 4

3. to String()

   101   Sanjana   Bangalore
   102   Smitha   Bangalore

4,5) using getchars(), extract Bmsce from
     " Welcome to Bmsce College "   — get bytes()
                                          — to charArray()

Bmsce   // getchars()
65   // get bytes()
66   0
67
68
69
70
71

ABCDEFG   // tochar Array()

6,7) .equals() & region Matches()

Bmsce equals Bmsce ⟶ true

Bmsce equals College ⟶ false

Bmsce equals BMSCE ⟶ false

Bmsce equalsIgnore CASE BMSCE ⟶ true

substring matched : Bmsce College

8,9,10) startswith() & endsWith() & equals()
      vs ==

true

true

false

false

Hello equals Hello ⟶ true
Hello == Hello ⟶ false

11) Perform sorting using compareTo( )

apple
ball
cat
dog
free
watch

String buffer functions

o/p

buffer before = Hello   // charAt
charAt(1) before = e
buffer after = Hi
charAt(1) after = i

f   // getchars

Hello from Bms College

a = H2!

I like Java!

!avaJ ekil I

After delete: This is a test.
After delete CharAt: his a test
After replace: his ~~awak~~ awatest

21) Generics

Enter elements into the integer stack

10   20   30   40   50

Enter elements in double stack

60.00   70.03   81.23   10.2   23.76

Elements of stack1	Elements of stack 2
50	23.76
40	10.2
30	81.23
20	70.03
10	60.00

lui
23-1-24