Lab 6 : Strings and Generics

Output : Hello , world   // String Constructors

1.

2. Hello world , BMSCE   // length , literal , concat
   6 5
   20   // to String ()
3.
   101   samraat

4,5) // use getChars () & get Bytes ()
   BMSCE
   6 5
   66
   67
   68
   69
   70
   71
   ABCDEFG   // tocharArray ()

6,7) equals & region matches
   BMSCE equals Bmsce → true
   Bmsce equals College → false
   bmsce equals BMSCE → false
   Bmsce equalsIgnoreCase BMSCE → true

8,9,10) StartsWith () , endsWith () & equals () vs ==
   true
   true
   false
   true

Hello equals Hello → true
Hello == Hello → false

11) Sorting using compare to()

Apple

Bones

Corn

Dog

Free

zebra

String Buffer Functions

o/P output:

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

f   // get chars()

Hello BMS

a = 30!

~~Javak~~
I like Java!

!avaJ ekil J

After delete : This is test
After delete char At : his a test
After replace his was a test

2.i) Generics

Enter elements in integer array
1   2   3   4 5

Enter elements in second stack
10.0   20.0   30.0   40.0   50.0

Elements of stack 1   Elements of Stack 2
        5   50.0
        4   40.0
        3   30.0
        2   20.0
        1   10.0