Practice Test of Java Basic Strings

Total points   50/50   ?

TE - A, B and C (2020-2021)

The respondent's email address (**ameythakur@ternaengg.ac.in**) was recorded on submission of this form.

0 of 0 points

TE- DIV

○ A

● B

○ C

Name

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Roll No

50

Quiz Section   **50 of 50 points**

✓ The string _____ method coverts given type such as int, long, float, 1/1
double, boolean, char and char array into a string.

○ convertTo()

○ equals()

◉ valueOf() ✓

○ replace()

✓ Which of these classes is superclass of String and StringBuffer class? 1/1

○ java.util

◉ java.lang ✓

○ ArrayList

○ None of the mentioned

✓ Which of these constructors is used to create an empty String object? 1/1

◉ String() ✓

○ String(void)

○ String(0)

○ None of the mentioned

✓ Which of these methods is used to compare a specific region inside a   1/1
   string with another specific region in another string?

○ A. regionMatch()

○ B. match()

○ C. RegionMatches()

◉ D. regionMatches()   ✓

✓ String str1 = new String("abc"); String str2 = new String("abc");   1/1

○ str1 is created and str2 is pointed

○ Only one object created

○ two separateobjects are created

◉ Three objects are created   ✓

✓ _____ increases the reusability of the existing String   1/1
   objects.It also saves memory as no two objects with same content are
   created.

○ String variable pool

◉ String constant pool   ✓

○ String Referance

○ String object

✓   String s="Sachin"; s=s.concat(" Tendulkar"); System.out.println(s);   1/1
                    _____ _____ is the output of the code,

○ Sachin

○ Tendulkar

◉ Sachin Tendulkar   ✓

○ None these

✓   Is String a keyword in java   1/1

○ Yes

◉ No   ✓

✓   Two strings can be joined : i) By + (string concatenation) operator ii) By   1/1
     concat() method

○ Only i

○ Only ii

◉ either i or ii   ✓

○ None of these

✓ Which of the following statement is correct?   1/1

○ A. replace() method replaces all occurrences of one character in invoking string   ✓
   with another character.

○ B. replace() method replaces only first occurances of a character in invoking string
   with another character.

○ C. replace() method replaces all the characters in invoking string with another
   character.

○ D. replace() replace() method replaces last occurrence of a character in invoking
   string with another character.

✓ String s="Sachin Tendulkar"; System.out.println(s.substring(0,6));   1/1

○ Tendul

◉ Sachin   ✓

○ Tendulkar

○ Sachin Tendulkar

✓ String s="Sachin"; s.concat(" Tendulkar"); System.out.println(s);   1/1
   _____ _____ is the output of the code,

◉ Sachin   ✓

○ Tendulkar

○ Sachin Tendulkar

○ None these

✓ Which of these constructors is used to create an empty String object? 1/1

⦿ a) String() ✓

◯ b) String(void)

◯ c) String(0)

◯ d) None of the mentioned

✓ Which of these method of class StringBuffer is used to concatenate the 1/1
string representation to the end of invoking string?

◯ A. concat()

⦿ B. append() ✓

◯ C. join()

◯ D. concatenate()

✓ Why Java uses the concept of String literal? 1/1

◯ because it is mutable

◯ because no new objects are created if it exists already in the heap

◯ because new objects are created even if it exists already in the string constant pool

⦿ because no new objects are created if it exists already in the string constant pool ✓

✓ In java strings can be compared : i) By equals() method ii) By = = operator 1/1
iii) By compareTo() method

○ only i and ii

○ only i and iii

⦿ i, ii and iii ✓

○ only ii and iii

✓ String object can be created i) By string literal ii) By new keyword 1/1

○ Only using i

○ Only using ii

⦿ Using both i and ii ✓

○ Neither i nor ii

Please tick correct one applicable (marks indicate two correct choices)

	StringBuilder	StringBuffer	String	Score	
Mutable	●	○	○	2/2	✓
Not Thread Safe	●	○	○	1/1	✓
Thread Safe	○	●	○	2/2	✓
Not synchronised	●	○	○	1/1	✓
synchronised	○	●	○	1/1	✓
Faster	●	○	○	1/1	✓
Slower	○	●	○	2/2	✓
immutable	○	○	●	1/1	✓
can not be used by two threads	○	●	○	2/2	✓
thread once assigned can not be changed	○	●	○	2/2	✓
Constant String Pool is used as storage	○	○	●	1/1	✓
Heap is used as a storage	●	○	○	2/2	✓

✓ String str1 = "abc"; String str2 = new String("abc"); 1/1

○ str1 is created and str2 is pointed

○ Only one object created

⦿ two separateobjects are created ✓

○ None of the above

✓ What will s2 contain after following lines of code? String s1 = "one"; String 1/1
s2 = s1.concat("two");

○ A. one

○ B. two

⦿ C. onetwo ✓

○ D. twoone

✓ Can we use String in switch case in Java? 1/1

⦿ Yes ✓

○ No

✓ What is the value returned by unction compareTo() if the invoking string   1/1
   is less than the string compared?

○ A. zero

◉ B. value less than zero   ✓

○ C. value greater than zero

○ D. None of the mentioned

✓ String str1 = "abc"; String str2 = "abc";   1/1

○ str2 is created and str1 is pointed

◉ Only one object created   ✓

○ two separateobjects are created

○ None of the above

✓ Which of these method of class String is used to extract a single   1/1
   character from a String object?

○ a) CHARAT()

○ b) chatat()

◉ c) charAt()   ✓

○ d) ChatAt()

✓ Which of the following statement is correct?   1/1

○◉ A. reverse() method reverses all characters.   ✓

○ B. reverseall() method reverses all characters.

○ C. replace() method replaces first occurrence of a character in invoking string with another character.

○ D. replace() method replaces last occurrence of a character in invoking string with another character

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✓ What is the string contained in s after following lines of code?   1/1
StringBuffer s = new StringBuffer("Hello"); s.deleteCharAt(0);

○ A. Hell

◉ B. ello   ✓

○ C. Hel

○ D. llo

✓ Which of the following is an incorrect forms of StringBuffer class   1/1
constructor?

○ A. StringBuffer()

○ B. StringBuffer(int size)

○ C. StringBuffer(String str)

◉ D. StringBuffer(int size , String str)   ✓

✓ Which of these data type value is returned by equals() method of String   1/1
class?

○ A. char

○ B. int

◉ C. boolean   ✓

○ D. All of the mentioned

✓ String constant pool is the memory space allocated in the heap memory   1/1
to store the objects which are created using _____. String
constant pool is unique, there are no two String o objects which has the
same value(content).

◉ String literals   ✓

○ String variables

○ Charecter variable

○ Charevter constants

✓ String str = new String("abc");JVM will create one object in the _____1/1
_____

◉ Heap memory   ✓

○ String constant pool

○ String variable pool

○ String logical pool

✓ Which of these method of class String is used to compare two String objects for their equality? 1/1

⦿ A. equals() ✓

◯ B. Equals()

◯ C. isequal()

◯ D. Isequal()

✓ Which of these method of class String is used to remove leading and trailing whitespaces? 1/1

◯ A. startsWith()

⦿ B. trim() ✓

◯ C. Trim()

◯ D. doTrim()

✓ The string _____ method replaces all occurrence of first sequence 1/1 of character with second sequence of character.

◯ convertTo()

◯ equals()

⦿ valueOf() ✓

◯ replace()

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