

1. Fill the empty blank with T for true sentence or F for false sentence:

(a) F ASCII supports global character sets.

[1]

(b) F It is allowed in Java heap memory to have two places with the same string value.

[1]

(c) F There is no difference between == and equals() when comparing strings.

[1]

(d) F In Java, the list of characters "char[] myList" is immutable.

[1]

(e) T A String variable (the default String in Java) is thread-safe.

[1]

2. Why is StringBuilder often preferred for string modifications? ~~edit~~

~~edit~~ to edit on the string (add to it)

3. What is the output of s1.contains(s2) if s1="This is IT214" and s2="24"?

false

4. How does Java behave when a new string is assigned to a string variable? Discuss your answer for the two cases:

- The case of a new String value that is not in the heap. add the value in the heap
- The case of a String value that is already has been added in the heap.

Connect the Value that is in the stack

to the Value that is already in the heap