



Payara Code Puzzle #2

(Don't worry – It's not assessed!)

Hi,

This is the second in a small series of code-based puzzles being released monthly for you to solve, or maybe just ponder.

At some point when programming, you will have to compare string values (in other words, text values). Java has somewhat of a peculiarity when doing this. Which of the following will return true?

Assumptions:

string1: "Hello"

string2: "Hello"

- a) `string1 == string2`
- b) `string1.equals(string2)`
- c) `string1.getBytes() == string2.getBytes()`
- d) `"Hello" == "Hello"`

To see the answers and tweak the code, visit <https://ideone.com/XeiD0Q>. To find out more about Java object comparison, use [this link](#) as a starting point.

Do you notice anything strange with result D? You can send your solution to this follow-up question to mycah.banks@payara.fish.

Once again you're not expected to answer – this is just for those who want to appease their insatiable thirst for knowledge.

Sincerely,

Matt
Software Engineer Apprentice
Payara Services Ltd.