

StringBuilder Class

- ONLY write code segments – not complete program
- Use notes, books and online API
- The purpose of this exercise is for you to use the methods in the **StringBuilder** class

- **StringBuilder**(String **str**)

Constructor used to initialize to the contents of the specified string.

- **replace**(int **start**, int **end**, String **str**)

Replaces the characters in a substring with characters in the specified String.

- **indexOf**(String **str**, int **fromIndex**)

Returns the integer index within this string of the first occurrence of the specified substring, starting at the specified index. If **str** is not found, it returns -1

Exercise: **msg** is a string with **xx** where the letter **a** should go. Declare a **StringBuilder** object, **sb**, initialized to **msg**. Replace each occurrence of "xx" with the letter **a**. Print the resulting **sb.toString()**.

Example: msg: "h**xx**p**xy** **xx**es"

sb: h**a**p**a**y **a**es

PART TWO

- Discuss your solution with someone

Write the name of the person you compared your solution with on your paper.

In a separate section, write a new version of your code if you decide to make changes to your code. (I want to see your original code in addition to your code after consulting with your peers). If you decide not to make changes, just write : NO CHANGES NEEDED.

- **SI: Go to the next slide ONLY after everyone has compared and discussed solution with at least one person.**
- Everyone MUST discuss solution with at least one person

PART THREE

- Verify your solution by typing your solution to the codelab exercises.
 - Logon to codelab – there is exercises available to test your solution
 - If you need to update your solution, write this new version (don't erase/modify previous solutions) otherwise write NO CHANGES
- Your written responses will be collected.