



Fall 2021 AP CS A Lesson 5.9

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Do now

be sure to: Get out your **binder**. Copy **goal** and answer **do now** questions below. Show all work or write a complete sentence for each answer:

Consider the following incomplete method, which is intended to return the longest string in the string array `words`. Assume that the array contains at least one element.

```
public static String longestWord(String[] words)
{
    /* missing declaration and initialization */
    for (int k = 1; k < words.length; k++)
    {
        if (words[k].length() > longest.length())
        {
            longest = words[k];
        }
    }
    return longest;
}
```

Which of the following can replace `/* missing declaration and initialization */` so that the method will work as intended?

Which of the following can replace `/* missing declaration and initialization */` so that the method will work as intended?

- (A) `int longest = 0;`
- (B) `int longest = words[0].length();`
- (C) `String longest = "";`
- (D) `String longest = words[0];`
- (E) `String longest = words[1];`



Activity

be sure to: Take notes and answer questions in your **notebook**.

Work with a partner:

1. Compare your answers to the the review pset. If you disagree on an answer, try to come to a consensus. If you have a question, feel free to ask me.
2. Be prepared to share out your answers! We'll go over the problems at the end of calss.



How to review

To review for the test, please:

1. Go through your notes.
2. Look over your review pset
3. Make sure to finish your SuperArray project.