TEACHER PROMPTS:

- PROVIDE :: code snippets or comments you definitely want to provide
- STUDENT-PROMPT :: a specifically-worded question you want to ask, or a general solicitation for input, etc
- MUST-ANSWER-Q:: a question that must be resolved, that a majority of your class must understand before moving on
- BIG-IDEA: : an introduction of a new topic, a connection to prior lesson or discussion for application here in code, etc.
- BEEG-REVEAL: this is gonna blow yer minds...
- DELIBERATE-ERROR :: specific code snippet or a general approach that is a bad fit for the situation, is flat-out wrong, or will lead to a compile- or run-time error, etc.
- FIRSTDRAFT :: code that will work for now, but which you intend to replace later
- REVISION vX :: better versions of firstdraft code...

CODE: This method should search through data and return the index of the first time value appears in data. If value is not in data return -1.

```
public int linearSearch(int value, ArrayList<Integer> data) {What values is linear Search taking in? int foundIndex = -1; 4- Big reveal: -1 isn't an index. -1 is the output if nothing is found.
    for (int i=0; i < data.size(); i++) {</pre>
                                                                        How is this code traversing through our list?
      int element = data.get(i);
       if (element == value) {
          foundIndex = i;
          break;
   return foundIndex; We can say the element veturned and Students

have to correct it. We can mistype the return value.

Sig I dea: We are using for and if loops to traverse an array in order.

rtfolio assignment Big Reveal: The index is different than the value in
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Portfolio assignment

Students are to create two detailed lesson plans, outlines and supporting materials for computer science. The lesson plans and outlines should include a description of the intended student audience and a detailed explanation of how multiple pedagogical techniques can be used in delivering the lesson.