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⚪ BJP4 Exercise 6.5: collapseSpaces

Language/Type: ☕ Java file processing Scanner
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Write a static method named `collapseSpaces` that accepts a `Scanner` representing a file as a parameter and writes that file's text to the console, with multiple spaces or tabs reduced to single spaces between words that appear on the same line. For example, if a `Scanner` variable named `input` is reading an input file containing the following text:

```
four       score    and

seven                years ago         our

fathers brought           forth
    on this         continent
a          new

nation
```

then the call `collapseSpaces(input);` should produce the following output:

```
four score and

seven years ago our

fathers brought forth
on this continent
a new

nation
```

Each word is to appear on the same line in output as it appears in the file. Notice that lines can be blank.

Type your solution here:

```java
1  public static void collapseSpaces(Scanner input) {
2      while (input.hasNextLine()) {
```

```
 3            String line = input.nextLine();
 4            Scanner a = new Scanner(line);
 5            while (a.hasNext()) {
 6                String s = a.next();
 7                System.out.print(s + " ");
 8            }
 9            System.out.println();
10        }
11 }
```

This is a **method problem.** Write a Java method as described. Do not write a complete
program or class; just the method(s) above.

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test #1:
collapseSpaces(new Scanner("four   score   and\n\nseven   y
    console output: four score and

                    seven years ago our

                    fathers brought forth
                    on this continent
                    a new

                    nation
        result: ⊘ pass

test #2:
collapseSpaces(new Scanner("to be   or   not\n   to be\n\n\n that i
    console output: to be or not
                    to be

                    that is
                    the question.
        result: ⊘ pass

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