Lab Quiz

Make sure to read all directions carefully before beginning this quiz.
Do your work within the `main()` function of a single java source file named
"LabQuiz"; the ordering of any console output is up to you. **No clarifications are
needed or will be given** for this lab quiz. Work is to be done 100%
independently.

1. Set up an `int[]` of size 10. Set each entry of the array equal to its
   corresponding index via for loop.

2. Write a function (titled "sum") that takes in an `int[]` array (like from
   problem #1) as a parameter and returns the sum of the array's entries.

3. Actually use that "sum" function on the array from problem #1 and print the
   result to the console.

4. Write a function "`public static String getInputAirportCode()`" that
   requests a three-letter `String` from the user via input. Do not allow the
   function to return without a valid three-letter `String`.

5. Use the function you wrote in problem #4 to get both a "source" and
   "destination" airport code. Combine them with a hyphen and print the result
   to the console.

   - Source = "MCO", Destination = "MIA"
                    ->
     Console output: "MCO-MIA".

6. At the top of your `LabQuiz.main()` function, document your work at the top
   in comments. Be sure to write your name in the requested comment and at
   the top right of this piece of paper. Ignore all other problems on this
   worksheet and proceed to the true exercise on Canvas; all relevant files are
   at the very bottom of the "Modules" page. Clarifications will be given once
   the TA announces the premature "end" of this "quiz." Do not mention or
   signal this to any other student before the TA's announcement.

7. Create a `new int[]` of size 100 – set each entry of the array equal to the
   square of its index, and use your function from #2 to print its sum to the
   console. Prefix the output with "Sum of squares: ".