COMP 1409

Intro to Software Development 1

Java

Lab 6

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The purpose of this lab is to exercise your knowledge around arrays and `while` loops.

Build off of the solution from the previous lab.

Playground.java

Declare an instance variable that is an array of `Person` references, call it `personArray`. It will hold 5 `Person` references.

Create a method called `addPeople()`
- For each element of the `personArray`, instantiate a `Person` object
  - Be sure to set the `age` instance variable to a value, using the `setAge(int)` mutator method
- Using a `while` loop, calculate the average age of all `Person` objects in the `personArray`
  - Loop through the `personArray` to find the age of each `Person` object
  - Recall the formula for calculating the average is `average = total / count`
- Print out the average to the console

Be sure to comment your code with appropriate JavaDoc.

Be sure to use proper camelCasing or PascalCasing.

Be sure to use reasonable data types/reference types.

Submission
Compress and submit your source code to the Dropbox in D2L.