

### Project 7.a

Write a function called `findMedian` that takes two parameters - an array of `int` and the size of the array. The function should return the median of the array, which will require sorting the array (you can use the built-in sort function from the examples). This will change the original array, but that's okay for this assignment. If you're not familiar with calculating the median, please look that up. Remember that it's different for odd and even groups of values. If you are testing your code by calling it from a different file, remember to have a function prototype for `findMedian` in that file.

The file must be named: **`findMedian.cpp`**.

### Project 7.b

Write a class called `Person` that has two data members - a string variable called `name` and a double variable called `age`. It should have a constructor that takes two values and uses them to initialize the data members. It should have get methods for both data members (`getName` and `getAge`), but doesn't need any set methods.

Write a separate function (not part of the `Person` class) called `stdDev` that takes two parameters - an array of `Person` objects and the size of the array - and returns the standard deviation of all the ages (the population standard deviation that uses a denominator of  $N$ , **not** the sample standard deviation, which uses a different denominator).

The files must be named **`Person.hpp`**, **`Person.cpp`** and **`stdDev.cpp`**.