# What is the point of an encapsulated array?

An encapsulated array would be considered an array that is encapsulated inside of a class. The array’s elements are controlled by methods provided by that class.

# Why not simply create a just plain array?

Encapsulated array’s allow for flexibility in implementation due to the ability to change portions without affecting the external code. As methods can operate data, get and set methods can be used on the elements along with possible enforcement of certain constraints or validation processes. Security is also provided to a degree as users have the ability to apply the proper access modifiers to the methods.

# Personal History

I recently started Java last quarter taking Java 1 here at Metropolitan. Most of my experience is with Python and JavaScript so Java is a big switch in style for me. I try to only work with Java while taking this class to hopefully perform better overall and gain a better grasp over the language. So far I have enjoyed my experience with the language and I am eager to continue learning.