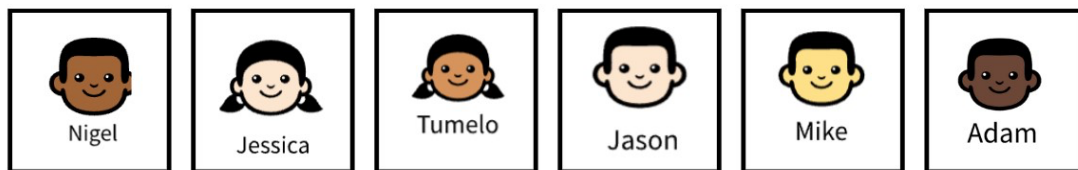# Data Structures

Pre-Practical Activity

Exercise 1:

Rearrange the array to be in alphabetic order and show each index swapped:

Exercise 2:

Given a stack of bool items in the bag:

1) How many Pops will be required to get the mathematics book?
2) What would be the order if all books besides Mathematics and Physics were put back?
3) What would the stack look like if Mathematics and then Physics were put in?

4) What would happen to the order if the books were moved to another bag?