3. For both previous tasks, provide a basic answer (no fancy solution or mathematical proof required) to the following questions:

1. Does your algorithm have defined inputs and outputs?

Week 1 - Input is taken by the variable array and output is always randomly shuffled arrays.

Week 2 - Yes, inputs are taken by a variable and outputs are printed out depending on the user input.

1. Can you guarantee that it terminates?

Week 1 – Yes, if the inputs are in a list and integers. It only won’t terminate if there is no input and the input given is not a list and other type such as string.

Week 2 - Yes, the input taken is converted into integers. It only won’t terminate if input given are string type.

1. Is it specified in a clear and concise manner?

Week 1 and 2 - Yes and it is done through appropriate variable names and used consistently, commenting next to codes if the code is getting complex.

1. Does your algorithm produce the correct result for all instances?

Week 1 - Yes I have tested the code with different list values and the output is always random and with-in the parameters of the lists which is what the code is supposed to do.

Week 2 – Yes, yes all integers inputted are returned with the correct trailing zeros which means it is returning the correct result.