**Useful Ruby methods I have used frequently / how to do things...**

**ARRAYS**

How to add to an array:

array = [ ]

array.**push(x)** OR array **<< x** where x is the element to be added

\*\* Will add element x into the end of the array.

array.**unshift(x)** \*\* Will add element to the beginning of the array

How to sum contents of an array:

array**.reduce(:+)** OR array**.sum**

How to multiply the contents of an array:

array**.reduce(:\*)**

How to delete parameters that fit criteria from an array:

arr**.delete\_if {|x| x <0}** where “x <0” is some condition to be met

How to flatten an array:

array**.flatten** i.e takes[3, 2, 1], [4, 6, 5] returns [3,2,1,4,6,5]

How to sort an array:

array**.sort**

**STRINGS**

How to find parameters that fit criteria in a string e.g. find all the vowels:

string.**scan(/[aeiou]/i)** \*\*then to count them add **.length**

How to return a transformed/corresponding string e.g. DNA

string**.tr(‘XYZ’,’ABC’)** \*\* whereit will return A for every X in the original string

.map