**Median** – is the middle number in a sorted list

**Median – odd amount of numbers** If (size of Array % 2 !=0)

1 2 **3** 4 5

The median = 3

= Array at position (size of array/2)

**Median – even amount of numbers** If (size of Array % 2 ==0)

1 **2 3** 4

The median = (2+3)/2 = 2.5

=Array at position (size of array/2) + Array at position (size of array/2 -1))/2

**Mode** – the most frequent number in a list. If all counts are the same – then there is no mode.

Example1: 1, 2, 3, 4, 5, 6 - no mode (all numbers occur the same amount)

Example2: 1,4,5,1,2,5,4,4,3 -The mode is 4

Example 3: 1,1,2,2,4,4,3,5 - The mode is 1,2,4