

ME1 Computing

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with code **63 53 77**

Tuples

A tuple is a sequence of elements

Name	Group	Mark
Cezary	2a	70
[0]	[1]	[2]

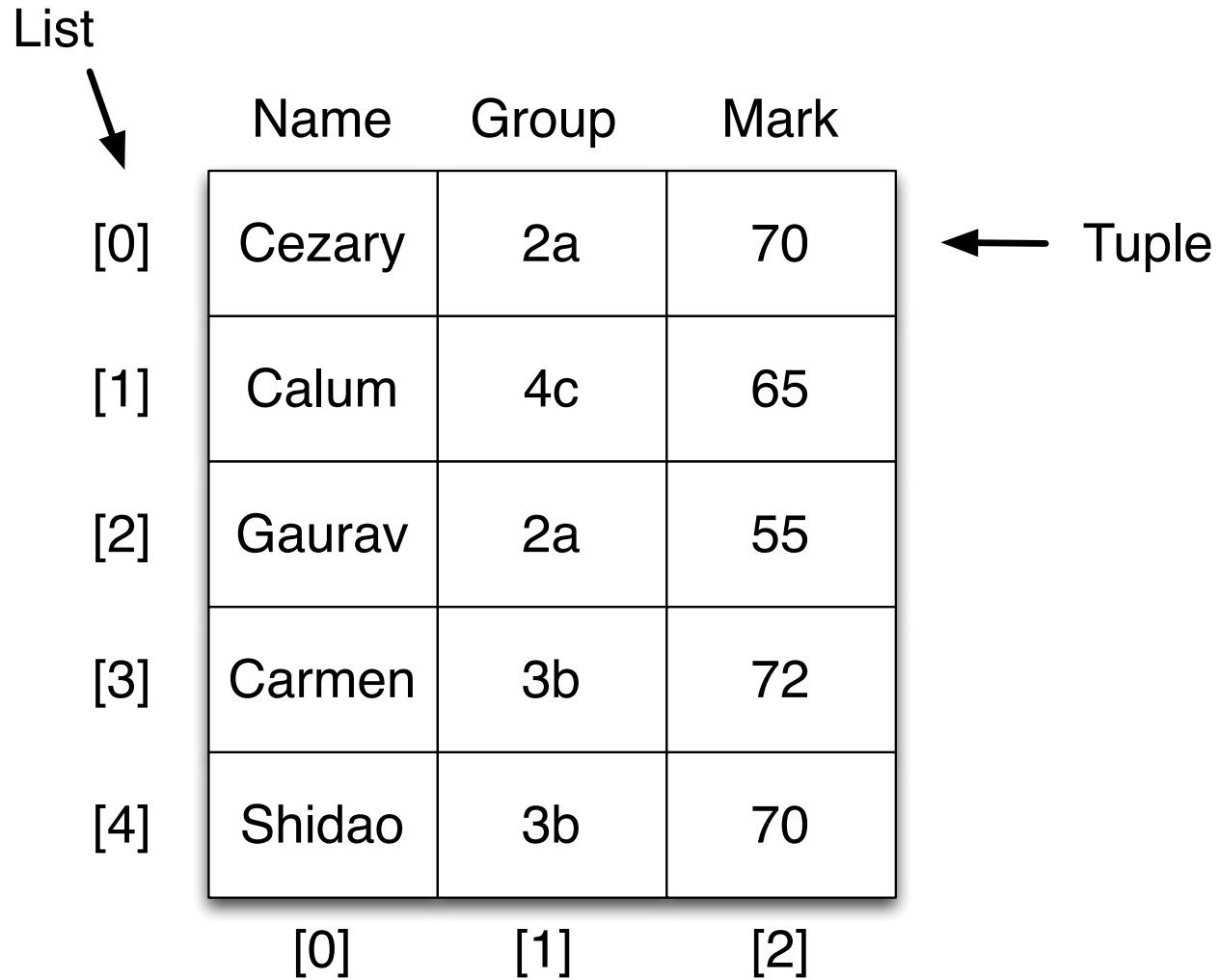
← Tuple

Lists are MUTABLE

Tuples are IMMUTABLE

List of tuples

List



	Name	Group	Mark
[0]	Cezary	2a	70
[1]	Calum	4c	65
[2]	Gaurav	2a	55
[3]	Carmen	3b	72
[4]	Shidao	3b	70
	[0]	[1]	[2]

Tuples containing lists

PT	Num	Tutees
Fred	4	Paul, Orsina, Isabel, Charlie

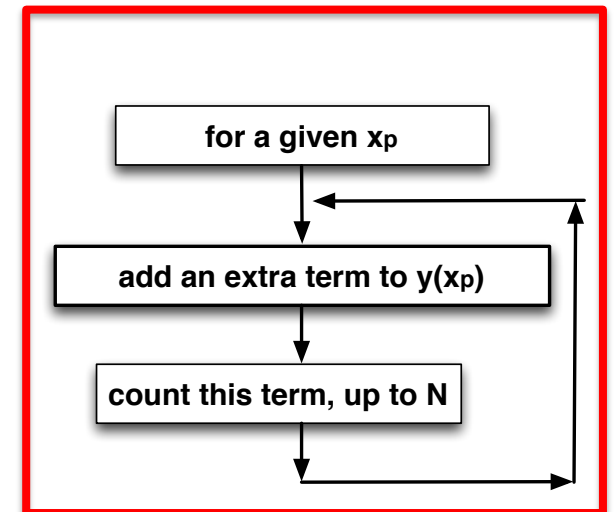
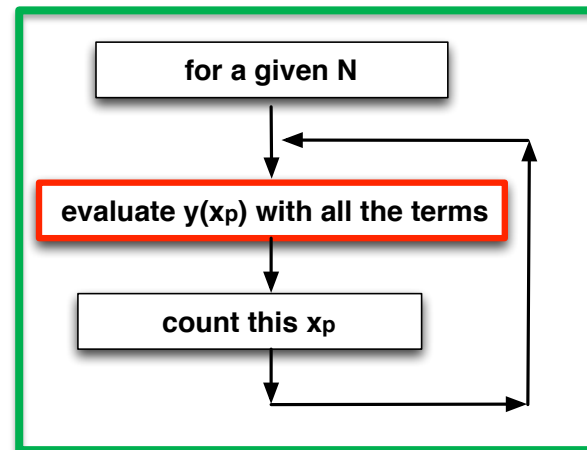
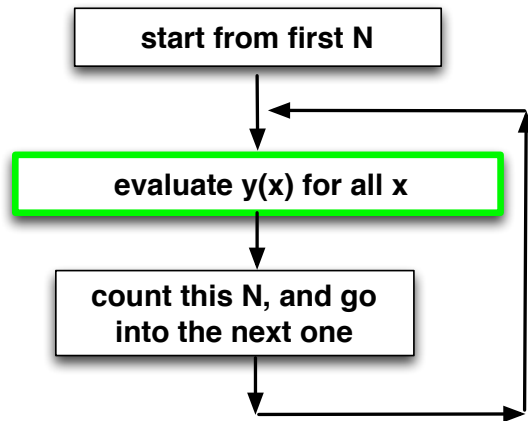
Tuples containing lists

List



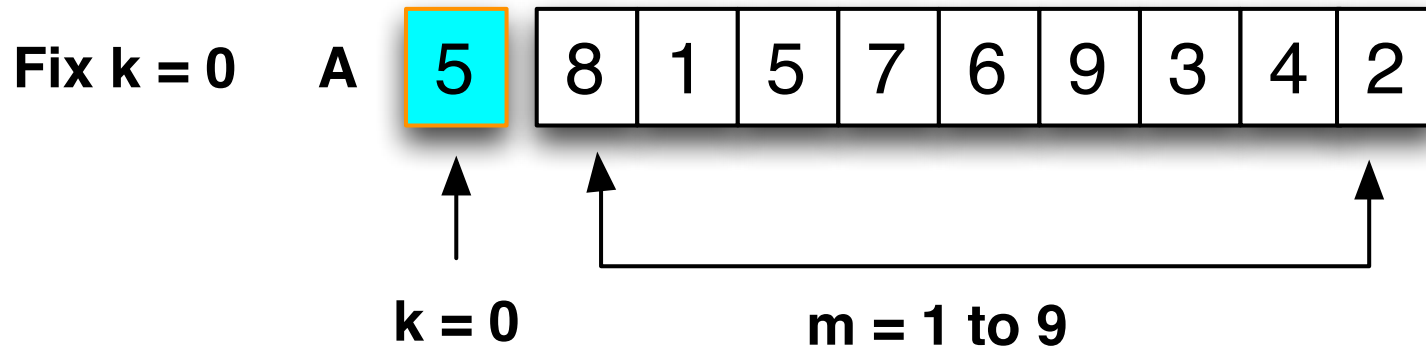
	PT	Num	Tutees
[0]	Fred	4	Paul, Orsina, Isabel, Charlie
[1]	Maria	3	Tony, Charlotte, Zenghli
[2]	Mike	0	
[3]	Julie	1	Pasquale
[4]	Soraia	3	Will, Nicole, Serena
	[0]	[1]	[2]

Nested loops



The Sorting algorithm

	0	1	2	3	4	5	6	7	8	9
A	5	8	1	5	7	6	9	3	4	2



A	1	8	5	5	7	6	9	3	4	2
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The Sorting algorithm

