Algorithmics	Student information	Date	Number of session	
	UO: 283428		5	
	Surname: Triana Fernández	Escuela de		
	Name: Carlos		Ingeniería Informática	



Activity 1. Create a table with the times you get for the different sizes of the problem.

The overall complexity of the algorithm is quadratic, O(n^2), due to the two nested loops that iterate the array for calculating all costs.

n	100	200	400	800	1600	3200	6400
t	84	237	980	4400	30060	188406	1058634
expected		336	948	3920	17600	120240	753624

The times that we observe follows the expected progression from a quadratic function. Times measured with 1000 repetitions each.