Minimum Spanning Trees and the Traveling Salesman Problem

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1. Find the minimum spanning tree for the graph that corresponds to the below adjacency matrix:

	A	B	C	D	E	F
	−					
	13	−				
	32	61	−			
	26	37	45	−		
	39	17	22	36	−	
	56	54	26	16	38	−

2. Find the shortest cycle around the four cities below. In other words, solve the traveling salesman problem for the weighted graph below: