

TABLE LOOKUP PROBLEMS

1. A feature that is common to most road maps is a table that gives the distance between cities. Write a program that displays the distance by car when the user enters two city names.

	LA	Mont	NY	Ottawa	Portland	SF	TO	Vanc	Winnipeg
LA	-	3981	3960	3842	1334	539	3480	1726	2448
Mont	3981	-	533	150	4006	4173	515	3840	2035
NY	3960	533	-	526	3926	3182	586	3912	2082
Ottawa	3842	150	526	-	3805	4005	362	3686	1856
Port	1334	4006	3926	3805	-	1008	3491	411	2274
SF	539	4173	3182	4005	1008	-	3658	1280	2872
TO	3480	515	586	362	3491	3658	-	3325	1494
Vanc	1726	3840	3912	3686	411	1280	3325	-	1862
Winn	2448	2035	2082	1856	2274	2872	1494	1862	-