

**(Question 12 continued)**

All the data stored in memory should be sorted in ascending order of total score using selection sort.

For example, after sorting, the data given opposite will be held in memory as follows

PLAYERS		ROUNDS				TOTALS		
			[0]	[1]	[2]	[3]		
[0]	Hugh	[0]	60	38	42	90	[0]	230
[1]	Tammy	[1]	51	60	20	90	[1]	221
[2]	Boris	[2]	40	0	50	90	[2]	180
[3]	Annie	[3]	70	10	23	3	[3]	106
[4]	Paul	[4]	45	0	0	60	[4]	105
[5]	Robby	[5]	55	0	15	10	[5]	80

(d) Construct an algorithm that will sort all the data in ascending order.

In your solution you should call methods `swap()` and `swapRows()` given in part (a) and part (b).

[6]

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