

# Program 408a

## (ranking test scores)

**Program Description:** Read 21 pairs of numbers (ID number and score respectively) into two separate vectors. Write out the numbers paired and ranked by score from high to low with column headings.

Suggested Solution:

- 1) Find the largest score, keeping track of its subscript.
- 2) Print this score along with the corresponding ID.
- 3) Set that score equal to its opposite.
- 4) If all 21 scores haven't been printed, go back to (1); otherwise stop.

**Statements Required:** input, output, loop control, decision making, arrays

Data Location: prg408a.dat

### Sample Output:

ID	Score
305	265
306	262
115	257
311	256
123	253
116	246
325	246
321	245
323	245
113	243
218	243
208	242
302	242
112	239
104	239
110	238
223	230
213	229
207	228
203	224
222	223

