

Sort Command #5

HackerRank

You are given a file of text, which contains temperature information about American cities, in TSV (tab-separated) format. The first column is the name of the city and the next four columns are the average temperature in the months of Jan, Feb, March and April (see the sample input). Rearrange the rows of the table in **descending order** of the values for the average temperature in January.

Input Format

A text file where each line contains a row of data as described above.

Output Format

Rearrange the rows of the table in **descending order** of the values for the average temperature in January (i.e, the mean temperature value provided in the second column).

Sample Input 0

Albany, N.Y.	22.2	46.6	71.1	49.3	38.60	136	64.4	57
Albuquerque, N.M.	35.7	55.6	78.5	57.3	9.47	60	11.0	64
Anchorage, Alaska	15.8	36.3	58.4	34.1	16.08	115	70.8	39 / 60
Asheville, N.C.	35.8	54.1	73.0	55.2	47.07	126	15.3	39
Atlanta, Ga.	42.7	61.6	80.0	62.8	50.20	115	2.1	69 / 65
Atlantic City, N.J.	32.1	50.6	75.3	55.1	40.59	113	16.2	60 / 54
Austin, Texas	50.2	68.3	84.2	70.6	33.65	85	0.9	62 / 58
Baltimore, Md.	32.3	53.2	76.5	55.4	41.94	115	21.5	53
Baton Rouge, La.	50.1	66.6	81.7	68.1	63.08	110	0.2	52 / 46
Billings, Mont.	24.0	46.1	72.0	48.1	14.77	96	56.9	69
Birmingham, Ala.	42.6	61.3	80.2	62.9	53.99	117	1.5	60
Bismarck, N.D.	10.2	43.3	70.4	45.2	16.84	96	44.3	64
Boise, Idaho	30.2	50.6	74.7	52.8	12.19	89	20.6	64
Boston, Mass.	29.3	48.3	73.9	54.1	42.53	127	42.8	52 / 66
Bridgeport, Conn.	29.9	48.9	74.0	54.7	44.15	119	26.2	55 / 49

Sample Output 0

Austin, Texas	50.2	68.3	84.2	70.6	33.65	85	0.9	62 / 58
Baton Rouge, La.	50.1	66.6	81.7	68.1	63.08	110	0.2	52 / 46
Atlanta, Ga.	42.7	61.6	80.0	62.8	50.20	115	2.1	69 / 65
Birmingham, Ala.	42.6	61.3	80.2	62.9	53.99	117	1.5	60
Asheville, N.C.	35.8	54.1	73.0	55.2	47.07	126	15.3	39
Albuquerque, N.M.	35.7	55.6	78.5	57.3	9.47	60	11.0	64
Baltimore, Md.	32.3	53.2	76.5	55.4	41.94	115	21.5	53
Atlantic City, N.J.	32.1	50.6	75.3	55.1	40.59	113	16.2	60 / 54
Boise, Idaho	30.2	50.6	74.7	52.8	12.19	89	20.6	64
Bridgeport, Conn.	29.9	48.9	74.0	54.7	44.15	119	26.2	55 / 49
Boston, Mass.	29.3	48.3	73.9	54.1	42.53	127	42.8	52 / 66
Billings, Mont.	24.0	46.1	72.0	48.1	14.77	96	56.9	69
Albany, N.Y.	22.2	46.6	71.1	49.3	38.60	136	64.4	57
Anchorage, Alaska	15.8	36.3	58.4	34.1	16.08	115	70.8	39 / 60
Bismarck, N.D.	10.2	43.3	70.4	45.2	16.84	96	44.3	64

Explanation 0

The data has been sorted in descending order of the average monthly temperature in January (i.e, the second column).

