

Minimum and Maximum

Description :

You will be given an array and you've to print Minimum and Maximum element from array.

Constraint :

All numbers will be in range of 32bit signed integer.

Input :

first-line : t - number of test cases

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for t test-cases : first-line contains n (integer)- length of array
                  : second-line contains n integers space separated
```

Output :

t lines, each line contains two integers a b where a and b corresponds to Minimum and Maximum value respectively.

Example :

Input:

5
5
65 3 6 42 7
7
87 45 64 34 87 879 1
2
1234567890 -1234567890
70
1373725672 921448731 -2012680484 -1394934312 -2029456128 49439517 -
521844698 -1873656915 716501550 -1966686631 -1446498810 -1091736625
-2103085696 230443470 1750175373 852225455 -142996196 -287727286
889069154 668139632 2016937870 2124862829 1496999908 873096410 -
754790799 1329531628 -319662464 1280342890 584780060 299245769 -
1056200822 -703960329 1815868038 1213060465 257855442 -1714757144
1218592898 -615450102 1570307679 -602249837 1059455092 -2082593921
608928635 -1635789820 488348836 -981930263 768241116 -300193982
1368954160 1460185172 2142528532 1144951669 39546971 924945699 -
502773910 -492032013 875427349 22138291 -606672495 920217721 -
925945878 1394313439 -829347065 184654777 1535546165 129090568
864525960 465448197 1743068369 1115660389
1
5

Output:

3 65

1 879

-1234567890 1234567890

-2103085696 2142528532

5 5