Selection Sort Adhoc

Implement Selection Sort and print the index which gets swapped at each step.

Input Format

First line of input contains T - number of test cases. Its followed by 2T lines. First line of each test case contains N - size of the array. The next line contains N integers - elements of the array.

Constraints

1 <= T <= 100
2 <= N <= 100
-1000 <= ar[i] <= 1000

Output Format

For each test case, print the index which gets swapped at each step, separated by space. Separate the output of different tests by newline.

Sample Input 0

```
6
8
176 -272 -272 -45 269 -327 -945 176
2
-274 161
7
274 204 -161 481 -606 -767 -351
2
154 -109
4
5 3 1 5
4
40 10 20 40
```

Sample Output 0

```
4 0 4 3 1 2 1
1
3 0 1 2 2 1
0
0 0 1
0 0 0
```

Explanation 0

Self Explanatory