

Standardize mobile number using Decorators

Problem Statement

Lets dive into decorators! You are given N mobile numbers. Sort them in ascending order after which print them in standard format.

```
+91 xxxxx xxxxx
```

The given mobile numbers may have +91 or 91 or 0 written before the actual 10 digit number. Alternatively, there maynot be any prefix at all.

Input Format

An integer N followed by N mobile numbers.

Output Format

N mobile numbers printed in different lines in the required format.

Sample Input

```
3
07895462130
919875641230
9195969878
```

Sample Output

```
+91 78954 62130
+91 91959 69878
+91 98756 41230
```

Concept

Like most other programming languages, python has the concept of closures. Just extending it gives us decorators, which is an invaluable asset. You can learn about decorators in 12 easy steps from [here](#). To solve the above question, make a list of the mobile numbers and pass it to a function which sorts the array in ascending order. Make a decorator which standardizes mobile numbers and apply it to the function. Simpe, Isn't it!