## 8.Sort an Array by 2 Criteria

Write a function that orders a **given array of strings**, by a **length** in **ascending order** as **primary criteria**, and by **alphabetical value** in **ascending order** as **second criteria**. The comparison should be **case-insensitive**.

The **input** comes as an **array of strings**.

The **output** is the elements of the ordered array of strings, printed each on a new line.

### Examples

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
| **['alpha',**  **'beta',**  **'gamma']** | **beta**  **alpha**  **gamma** |  | **['Isacc',**  **'Theodor',**  **'Jack',**  **'Harrison',**  **'George']** | **Jack**  **Isacc**  **George**  **Theodor**  **Harrison** | **['test',**  **'Deny',**  **'omen',**  **'Default']** | **Deny**  **omen**  **test**  **Default** |