## 4.Negative / Positive Numbers

Write a JS function that processes the elements in an array one by one and produces a new array. If the current element is a **negative** number you must add it to the **front** of the array (**as** the **first element** of the array). Otherwise, if the current element is a **positive** number (**or 0**), you must add it to the **end** of the array (as the **last element** of the array).

The **input** comes as an **array of number elements**.

The **output** is printed on the console, each element on a new line.

### Example

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |
| **[7, -2, 8, 9]** | **-2**  **7**  **8**  **9** | **[3, -2, 0, -1]** | **-1**  **-2**  **3**  **0** |