# Implementation #2

- We will continue to use an array where the index is the key

- The value of the array is:
  - **-1,** if we have found the representative element
  - **The index of the parent**, if we haven't found the rep. element

- We will call theses **UpTrees**:

| 0 | 1 | 2 | 3 |
|---|---|---|---|
| -1 | -1 | -1 | -1 |