This code implements the Bucket Sort algorithm that works by distributing the elements of an array into a number of buckets. Each bucket is then sorted individually by using an ascending sorting algorithm. The algorithm should work as follows:

How it works:

1. The algorithm divides the range of possible values into a series of buckets.
2. It then distributes the elements of the input array into these buckets based on their values.
3. Each bucket is sorted individually using a simple sorting algorithm (ascending order).
4. Finally, the algorithm collects the elements from the buckets in order, resulting in a sorted array.

Currently, the implementation of this feature contains a logic bug that causes the sorting to deviate from its intended functionality.

For an example input array [64, 34, 25, 12, 22, 11, 90] with Bucket size as 5:

- **The expected outcome:** Output: [11, 12, 22, 25, 34, 64, 90]
- **The actual output:** Output: [25, 22, 12, 11, 64, 34, 90]