Iterator is the interface from Java 2. It has basically three method

hasNext() 🡪It returns true if the Iteration has more elements.

next()🡪returns the next element in the iteration.

Remove 🡪Removes from the underlying collection the last element returned by the iterator.

In my assignment I have used the ArrayList which is a part of collection framework. To convert iterator to List.

And Do the necessary operation of sorting and merging.

I have used Stream functionality of Java 8 , so that it will be easy to populate the list and return the iterator of the same.

The Code is tested with the 2 Unit test cases.

It took 20 minutes to complete the program.