I have attempted the coding for this challenge.

I have exercised lots logic already to consider mechanism for dissection of the ranges I have now reached a state in the code where there is either a gap in my knowledge or the List<Integer> is not actually suitable for the challenge.

My conception leads me to believe it should have been a multi-dimensional array inside the outer List

Test Case 1 = FAIL

Dissecting the first and second range and getting start and end intervals respectively. Performed a level of conversion

However more concerned with storing content into the List...

🙁 Compilation Error	
Looks like you made a syntax error. Use sensAl, to find and fix your errors. Powered by OpenAl ©	♀ Get Help
Solution.java:129: error: incompatible types: Object cannot be converted to Integer innerList.add(dd); ^ Note: Some messages have been simplified; recompile with -Xdiags:verbose to get full 1 error	output

I can see that this is in violation to expected entry required in the List



List<Integer> innerList = new ArrayList<>();

So I have now changed the innerList to as follows:



And now it concludes with the code.

So this is something critical to remember.

Even though I anticipated the issue, it still takes understanding to realise the declaration of the innerList to reflect similarly to how iteration occurred on the input to extract values:

For this input



Test Case 2 = FAIL

Now it is in my interest to populate the outerList with the existing innerList. But I have changed dynamics from:

List<List<Integer>> mergeIntervals

into

List<List<Object> mergeIntervals.

This is the code in operation which will perform operation of adding innerList into OuterList:



So unfortunately my hands are quite tied up, I can only envisage getting further with this exercise if I develop this in my own IDE and change the method signature and implement a driver class with exact same test cases....

Alternatively continue on their IDE and not store contents into the List and return an empty List.

I can merely display my proposed entries into List as distinct screen outputs...

I am just not sure if its my understanding since I have never attempted a Collection inside a Collection...