***CODE COMPREHENSION 2***

Sreeja Rao Ambati

S561636

1. **What does the code do?**

The code counts the occurrences of each unique string in an ArrayList and returns a HashMap with string keys and their counts.

1. **What inputs or situations could cause errors in the code?**
2. Mismatched element type: Assumes elements in myl are of type String.
3. Empty ArrayList: Code does not handle the case where myl is empty.
4. Null ArrayList: If the input ArrayList myl is null, attempting to iterate through it in the for-loop will result in a NullPointerException.
5. **Might this code not behave the way we think it should? why?**
6. It initializes the count for each string to 0, which might not be desired for counting occurrences.
7. It has an inefficient duplicate put operation; using the compute method could be more efficient.
8. The code does not handle the case where the input ArrayList is empty.