

Example Problems: Error Classification

1. You create a program to convert the numbers [3, 24, 70, 50, 19] to letters using the LetterSorter. When you run the program you get an error that “70 cannot be converted to a letter”.
2. Before you can run the MergeSorter program with the input [1, 4, 6, 2, 3], you see the error message “int cannot be converted to List<Integer>”.
3. You want to use the MergeSorter program to sort the list [1, 4, 6, 2, 3], when you run the program it completes and outputs the list [1, 4, 6, 2, 3].
4. When you try to run the MergeSorter program with the list [1, 4, 6, 2, 3], an error message pops up saying “cannot find symbol” before the program runs.
5. You go to build the MergeSorter program and immediately see an error message “ ‘)’ expected”.
6. You want to use the MergeSorter program to sort the list [1, 4, 6, 2, 3], when you run the program you wait 5 mins and it doesn’t stop.
7. When you try to build the MergeSorter program you get an error message saying “incompatible types: int cannot be converted to boolean”.
8. When you try to run the LetterSorter program with the list ["c", "b", "e", "A", "M", "i", "?"] you get an error message while running that there is an “invalid character”.
9. You’re able to build the MergeSorter program but when you go to run it you get an error that the index is out of bounds.