

## Documentation

Cihodaru Alexandru Ciprian

**Task A\_1**: I iterated through the elements of the list and counted all occurrences of the desired value. The method was tested manually with a data set composed of 7 entries. The results were satisfactory after the first run.

**Task A\_2**: The second task was implemented by generating an hashmap with all emotion types and number of occurrences and also saving the maximum number of occurrences. After it I re iterated the list and added on a aux list the all elements for which the number of occurrences was equal with the max. Test cases were designed to check all of these conditions and the implementation passed all tests on a second try.

**Task A\_3**: This method was implemented by iterating over the elements of the list and adding in an aux list all entries that had a different emotion type than the given one. The implementation passed all given testes on the first try.

Minutes required for each task:

- Task A\_1 = 1 min
- Task A\_2 = 10 min
- Task B\_3 = 1 min