

## **Documentation**

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

**Task A\_2**: Second task was implemented by generating a hashmap with all emotion types and number of occurrences and also saving the maximum number of occurrences. Second step was to re iterate the list and add inside a secondary 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 task was implemented by iterating over the elements of the list and adding to an secondary list all the entries that had a different emotion type than the required one. The implementation passed all given testes without problems in the first run.

Minutes required for each task:

- Task A\_1 = 2 min
- Task A\_2 = 16 min
- Task B\_3 = 2 min