

In this mission you should check if all elements in the given list are equal.

Input: List.

Output: Bool.

Example:

```
1 all_the_same([1, 1, 1]) == True
2 all_the_same([1, 2, 1]) == False
3 all_the_same(['a', 'a', 'a']) == True
4 all_the_same([]) == True
```

The idea for this mission was found on [Python Tricks series by Dan Bader](#)

Precondition: all elements of the input list are hashable