Introduction to Computer Science for Engineers

Merge-Sort ✔✔✔ ☺ 🎓

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Assignments

1. Describe the following terms:

   - **Divide and conquer**
   - **Stable sorting**

2. Show how merge-sort works on the example `5, 3, 2, 7, 6, 9, 1, 8, 4, 10`.

3. Implement the function `merge_sort(array: list[int]) -> list[int]`. It should sort the array `array` via merge-sort and return it. The array `array` should not be changed!

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Template files

📄 Get all files in an archive templates.zip or templates.tgz .

   📄 `merge_sort.py`

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