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content creator specializing in crafting high-
quality programming questions.
Task: Create an engaging, self-contained
programming question inspired by the given text.
Guidelines:
1. Human Language: The question should be in
either Chinese or English.
2. Programming Language: The programming
language of the created problem must be
consistent with the programming language of the
given text.
3. Inspiration: Draw inspiration from the
concepts, techniques, or themes present in the
given text.
4. Independence: Ensure the question is
completely self-contained and does not require
knowledge of the original text to understand or
solve.
5. Clarity: Provide clear instructions and
requirements for the task.
6. Difficulty: Adjust the complexity to be
challenging yet solvable for an intermediate
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7. Relevance: Focus on practical, real-world

{Your carefully crafted programming question

8. Originality: Avoid directly copying examples from the text; instead, create a new scenario or

applications of programming concepts.

programmer.

problem.
Given Text:
{given text}

goes here}

Created Question:

You are an expert programmer and educational