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## Practice Questions: Good Programming Practices

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### Practice Questions: Good Programming Practices

2/2 points (ungraded)

1. Which of the following are good programming practices?

☐ Optimize the speed of the code first, then check if it is correct

☒ Structure the code using multiple functions

☒ Add comments to explain the inputs and outputs of a function

☐ Fill the content of an array of size 10 by copying the bit of code that defines one of its elements 10 times



#### Explanation

The first option is incorrect: you should write a code that is correct, and then optimize. The second and third options are correct. The fourth option is incorrect: as a rule of thumb, you should never copy-paste when writing code. In this example, if you want to rename the array, you would have to change 10 lines of code to make it work (instead of a single line if the code was factored).

2. Indicate which of the following numbers of lines are acceptable for a function:

☒ 5

☒ 10

☐ 100

☐ 1000



#### Explanation

As a rule of thumb, functions should not contain more than approximately 15 lines.

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