

# Preparation1 Quiz: Algorithmic Thinking

This is an individual assignment. Once you submit this form, you will receive a copy of your responses to your email address.

You may use the following resources for this assignment:

- Preparation1 article: Algorithmic thinking

You are allowed to use additional resources, but only for preparation and not while taking the quiz.

You are allowed to use generative AI, but only for preparation and not while taking the quiz.

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\* Indicates required question

1. Email \*

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2. Select the most appropriate statement. \*

*Mark only one oval.*

- ☐ Algorithmic thinking is part of computational thinking.
- ☐ Computational thinking is part of algorithmic thinking.
- ☐ Algorithmic thinking is identical with computational thinking.
- ☐ Algorithmic thinking has no relation to computational thinking.

## 3. Select all the constructs that belong in algorithmic thinking. \*

*Check all that apply.*

- ☐ Procedural thinking
- ☐ Conditional thinking
- ☐ Repetition
- ☐ Parallelism
- ☐ Evaluation
- ☐ Debugging

## 4. Select all the appropriate statements about the relative complexity of algorithmic operations. \*

*Check all that apply.*

- ☐ A nested conditional operation is more complex than a conditional operation (not nested).
- ☐ Conditional thinking
- ☐ A nested sequential operation is more complex than a conditional operation (not nested).
- ☐ An iterative operation is more complex than a conditional operation.
- ☐ A nested iterative operation is more complex than a nested sequential operation.

## 5. If there was anything you were not sure about to do with this assignment, would like to leave a comment about the assignment, or have any other questions about this topic, please comment here.

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