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Basic Data Structures

Practice Quiz • 30 min

coursera



✔ Congratulations! You passed!

Grade received 100%

To Pass 80% or higher
Basic Data Structures

Practice Quiz • 30 min

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✔ Submit your assignment

Basic Data Structures

Total points 5

1. Which of the basic data structures is the most suitable if you need to access its elements by their positions in $O(1)$ time (this is called random access)?

1 / 1 point

✔ Receive grade

To Pass 80% or higher

☒ Array

Your grade

100% ☒ Stack☐ Queue

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We keep your highest score

✔ Correct

Correct!

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2. Which of the basic data structures is the most suitable if you want to be able to insert elements in the middle in $O(1)$?

1 / 1 point

☐ Stack☒ List