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# Jump search → Statements

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## Statements # Comprehension

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- ☐ The algorithm cannot be used to search in descending sorted arrays.
- ☒ The length of the last block may be less than the others.
- ☒ In some cases, the algorithm can find an element by performing only a single comparison.
- ☐ The time complexity is  $O(\sqrt{n})$  if the jump length is  $n / 2$  where  $n$  is the size of the input array.

✓ Correct.

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