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Comments

Next Largest Number

Published by **Matt** in **Java** ▾

complete   numbers   sorting

Write a function that returns the next largest number that can be created from the same digits as the input.

Examples

```
nextNumber(19)  →  91

nextNumber(3542)  →  4235

nextNumber(5432)  →  5432

nextNumber(58943)  →  59348
```

Notes

- If no larger number can be formed, return the number itself.
- **Bonus**: See if you can do this without generating all digit permutations.

SUGGEST EDIT

test10(ChallengeTests)
✓ Test Passed
test11(ChallengeTests)
✓ Test Passed
test12(ChallengeTests)
✓ Test Passed
test13(ChallengeTests)
✓ Test Passed
test14(ChallengeTests)
✓ Test Passed
test15(ChallengeTests)
✓ Test Passed
test16(ChallengeTests)
✓ Test Passed
test17(ChallengeTests)
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