

# Input Domain Analysis

⇒ Problem

went to test a ~~program~~ method which sorts a list of integers.

sort(List<Integer> l)

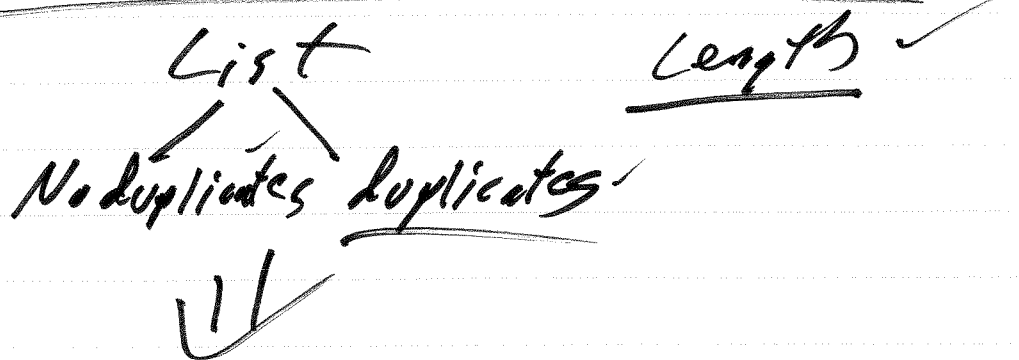
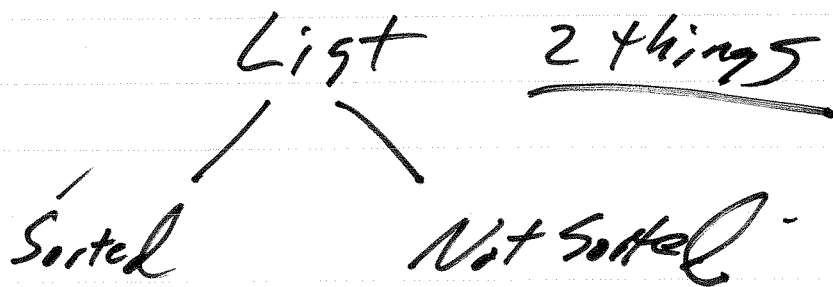
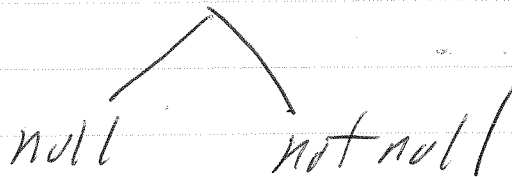
Test it

Absolute/Negative ⇒ everything is signed

|                     |   |              |
|---------------------|---|--------------|
| How big of a list   | ⇒ | Input domain |
| 0                   | ↓ | 10           |
| Nothing in the list | ↓ | bigList      |
| 1 item in the list  | ↓ |              |
| 2 items in the list | ↓ |              |

Does this list exist?

null — Exception?  
— something else



empty List ⇒

null

{ }

{ 1 }

{ 1, 2 }

{ 2, 1 }

{ 1, 1 }

3 ⇒

{ 1, 2, 3 } { 3, 1, 2 }

{ 1, 1, 1 }

{ 3, 2, 1 }