Wrapping up last time
Function Design Recipe
1. Examples
2. Header
3. Description
4. Body (implementation)
5. Test
def insert_after(lst: List[int], n1: int, n2: int) -> None:
    """After each occurrence of <n1> in <lst>, insert <n2>.
    """

    >>> lst = [5, 1, 2, 1, 6]
    >>> insert_after(lst, 1, 99)
    >>> lst
    [5, 1, 99, 2, 1, 99, 6]
    """
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2. Header
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Doctests
Unit testing (pytest)
choosing test cases
(In reality there are many more possible test cases)
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tested
untested but reasonable to extrapolate
(In reality there are many more possible test cases)
Property-based testing
Test *lots* of inputs
Check for “properties”