**Question 1: Digits**

| Total Scored out of 9 |  |
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**Part (a) Digits constructor 5 points**

Intent: Initialize instance variable using passed parameter

+1 Constructs digitList

+1 Identifies a digit in num

+1 Adds at least one identified digit to a list

+1 Adds all identified digits to a list (must be in context of a loop)

+1 On exit: digitList contains all and only digits of num in the correct order

**Part (b) isStrictlyIncreasing 4 points**

Intent: Determine whether or not elements in digitList are in increasing order

+1 Compares at least one identified consecutive pair of digitList elements

+1 Determines if a consecutive pair of digitList is out of order(must be in context of a digitList traversal)

+1 Compares all necessary consecutive pairs of elements (no bounds errors)

+1 Returns true if all consecutive pairs of elementsare in order; returns false otherwise

**Question - Specific Penalties**

- 2 (q) Uses confused identifier instead of digitList