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IT2153-01

**Topic 5: Recursion**

* Tutorial
  + For Question 3, another method for checking if a number is palindrome.
  + \*only works for numbers as it involves dividing the number by 10 to find the place value.

**Topic 6: Advance Sort**

* Quick sort
  + Implemented the median to be the pivot

**Topic 7: Array-based Sequences**

* Caesar
  + Accept small caps
  + Accept Mix caps

**Topic 8: Stack**

* Stack
  + Accept modular
  + Accept 0
  + Implement it in prefix way

**Topic 10: Queue**

* Expand the circular array queue
  + Multiplying the size of array by 2

Number of Implementation: **7**