**2022 Question #Data: (9 points)**

| Total Scored out of 9 |  |
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**Part A:** repopulate **(4 points)**

+1 Traverses grid (no bounds errors)

+1 Generates a random integer in a range based on MAX

+1 Ensures that all produced values are divisible by 10 but not by 100

+1 Assigns appropriate values to all elements of grid (algorithm)

**Part B:** countIncreasingCols **(5 points)**

+1 Traverses grid in column major order (no loop header bounds errors)

+1 Compares two elements in the same column of grid

+1 Determines whether a single column is in increasing order (algorithm)

+1 Counts all columns that are identified as increasing (algorithm)

+1 Returns calculated count of increasing columns