**2021 International Question 3: NickNames (9 points)**

| Total Scored out of 9 |  |
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**Part A:** shortLastNames **(6 points)**

+1 declares, instantiates, and returns a new ArrayList of String elements

+1 uses numVowels() method

+1 adds lastName if numVowels is 0 or 1

+1 uses indexOfFIrstVowel() method

+1 loops through the last name at the first vowel spot ending at the last element

+1 adds all appropriate name element to the new arrayList

**Part B:** nicknames **(3 points)**

+1 uses shortLastNames() method

+1 declares, instantiates, and returns a new ArrayList of String elements

+1 adds appropriate nickname (first initial, “-”, short name) to the arrayList