# LINQ Practice

Using LinqPad Write the appropriate Linq statement or Lambda expression.

**Note:** LinqPad provides Dump() extension function, to dump the results of Linq statement or Lambda Expression.

For example, Extract only the strings that have at least 4 characters of the following array:



Here are the Required Statements:

1. Write lambda equation (Extension method) for extracting strings with at least 4 characters of the following array.



1. What is the output of the following code snippet?



1. Modify the code snippet in (3) to filter the names that contain at least one vowel character, sort on Name and to display the names in all lowercase.
2. Dump the names sorted alphabetically using Lambda expression:



1. Sort the following array in ascending order and extract the 4th element.



1. Find the Sum of even numbers in the given array?



1. Write Lampda expression to find the sum of first digits of the following array elements.



1. Get true/false value that indicates if **65** found in the following array.



1. Get true/false value that indicates if the following array contains at least one odd number.



1. What is the difference between **concat** and **union** extension methods?

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