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| 1 | Write a function which gets no: of strings using variable no: of arguments and,  - find unique characters in each string. (hint: use set()) |
| 2 | Write a line of code using lambda function along with map/reduce/filter functions to do the following:-   1. Given x and n (read as user input), create a list having powers of x from 1 to n   Eg: If x=2,n=5 the result must be [2,4,8,16,32]   1. Given a list of strings, remove all strings having first character as digit 2. Given a list of numbers, find maximum in the list 3. Given a list of tuples containing two integers, remove all tuples where second element in tuple is not a factor of first element. 4. Given a list of integers, combine all integers to form a single integer.   Eg: [1,25,32,4,5] ==> 1253245 |
| 3 | Write a function which concatenates all given strings to a single string.  User can specify sep - default should be comma.  User can specify first string - default should be 'result: '  hint: use variable # of arguments, default value for arguments |

**PAP Week 3 Lab Assignments**