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| Sl no | Questions |
| 1. 3 | Design and implement a program to create and read the contents of a file that resembles a phone book with names and phone numbers. Now alphabetically sort the phonebook. |
| 1. 3 | Design and implement a python program to create and read a file, store it in a list of lists, with each inner list containing the product name, net weight and the unit price of a product, by name shopper\_list.txt that contains the name, weight and the unit price of the products in supermarket:  Wheat flour 1kg 25.00  Rice flour 1kg 40.00 |
| 1. 2 | Design and implement a program to open a file and count the occurrences of each letter in the file. |
| 1. 3 | Design and implement a program that reads a file and outputs a new file with the lines in a sorted order. |
| 1. 3 | Write a program segment that reads a text file named original\_text, and displays how many times the letter ‘c’ occurs. |
| 1. 2 | Write a Python program to count the number of lines in a text file. |
| 1. 3 | Write a Python program to get current time in milliseconds in Python using the time module. |
| 1. 2 | Write a Python program to generate random even integers in a specific numerical range using the random module |
| 1. 3 | Write a function that takes a list of integers, and returns the number of primes in the list. |
| 1. 2 | Write a program that reads a file and writes out a new file with the lines in reversed order (i.e. the first line in the old file becomes the last one in the new file.) |
| 1. 3 | Write a Python program to generate a series of unique random numbers using the random module. |
| 1. 2 | Write a Python program to read a file line by line and store it into a list.  Write a python program to find the longest words. |
| 1. 3 | Write a python program to produce a list of unique element from the input list which contains duplicates of the elements in the list  Expected output:  Input list: [1,2,3,3,3,3,5,6,9,9]  Output list: [1,2,3,5,6,9] |
|  | Write a program that reads a file and prints only those lines that contain the substring snake. |
|  | Write a Python program to get a single random element from a specified string |
|  | Write a Python program to get a single random element from a specified string using the random module. |
|  | Write a Python program to print a string five times, delay three seconds using the time module. |
|  | Write a Python program to count the frequency of words in a file. |
|  | Design and implement a program that reads a file and prints only those lines that contain the substring “msrit” |