Challenge Problems Pick one of the two problems

1. Have the user enter a sentence. Then using an array, store the frequency of each letter of the alphabet from the sentence. Where the frequency of a letter “A” appearing in the sentence would be stored at index 0. Do not count upper and lowercase letters differently. You do not have to count the frequency of an spaces or punctuation.
2. Create an array size 8. Fill the array randomly with 0 and 1. Print out the array so that it appears as a binary number. Calculate and print out the decimal value of that binary number