**JAVA Assessment**

Design and write a Java program that:

1. **reads in a list of words from an array**
2. **determines the number of words in the list that start with each letter of the alphabet**
3. **outputs the results to the console, in alphabetical order (one letter per line)**

Example Input:

*String[] fruits = {"Apple", "Apricot", "Cherry", "Banana", "Cherry", "Papaya", "Cantaloupe"};*

Example Output:

A: 2

B: 1

C: 3

D: 0

E: 0

F: 0

G: 0

H: 0

I: 0

J: 0

K: 0

L: 0

M: 0

N: 0

O: 0

P: 1

Q: 0

R: 0

S: 0

T: 0

U: 0

V: 0

W: 0

X: 0

Y: 0

Z: 0

1. **Add this output as a choice when the program starts. The new output should be like this:**

A: 1

1 Apple

B: 2

1 Banana

1 Blueberry

C: 1

1 Cherry

D: 0

etc...

1. **If the JSON instead of being a string is an API Answer. How can you handle errors? Please code the answer.**

Use this code:

|  |
| --- |
| public class CountFruits {  public static void main(String[] args) {  String[] fruits = {"Strawberry", "Mango", "Cherry", "Lime", "Guava", "Papaya", "Nectarine", "Pineapple", "Lemon", "Plum", "Tangerine", "Fig", "Blueberry", "Grape", "Jackfruit", "Pomegranate", "Apple", "Pear", "Orange", "Watermelon", "Raspberry", "Banana"};  }  } |