2Q. Read a string from command line and identify the total number of vowels, consonants numbers and other literals enters by the user. The string could be non-case sensitive.

```
public class VowelsConsonantsInString {

public static void main(String[] Args) {

  int l;
  l = Args[0].length();

  if (l > 0) {

    try {
        char ch;
        int i, numVowels, numConsonant;
        int numSpecial, numNumber;

        numVowels = numConsonants = 0;
        numNumber = numSpecial = 0;

        System.out.println("
            \nInputString: " + Args[0]);

      for (i = 0; i < l; i++) {

        ch = Args[0].toLowerCase().charAt(i);
```

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```
if ((ch >= 'a') && (ch <= 'z')) {

    if ((ch == 'a') || (ch == 'e') ||
        (ch == 'i') || (ch == 'o') || (ch == 'u')) {
    {
        numVowels++;
    }

    else {
        numConsonant++;
    }
}

else if ((ch >= '0') && (ch <= '9')) {
    numNumber++;
}

else {
    numspecial++;
}
}
    system.out.println ("\nVowels: " + numVowels );
    system.out.println ("\nNumbers: " + numNumber);
    system.out.printh ("\nconsonant: " + numConsonant);
    system.out.println ("\nSpecial Character: " + numSpecial);

} catch (Exception e) {
    system.out.println ("\nerror: " + e);
}
}
}
}
```