Lab 8: Ch11 Regular Expression

Prob. 1

Write a Python program to create a **function** that can check if a given string contains **only** alphanumeric characters (i.e. a-z, A-Z and 0-9). If not, print out all the non-alphanumeric characters.

The test strings are:
```
Str1 = "ABCDEFabcdef123450"
Str2 = "ABCDEF;abcdef'1234!50"
Str3 = "*&%@#!}{"
```

The expected results are:
```
The string doesn't contain any non_alphanumeric chars
The string contains non_alphanumeric chars: [';', "'", '!']
The string contains non_alphanumeric chars: ['*', '&', '%', '@', '#', '!', '}', '{']
```

Prob. 2

Write a Python program to create a function that can check if a string starts with one upper case letter followed by all lower case letters
The test strings are:
```
Str1 = "aaB_cbbbc"

    Str2 = "aaBAbbbc"
    Str3 = "Aaab_abbbc"
    Str4 = "Aaababbbc"
```
The expected results are:
```
Not matched!
Not matched!
Not matched!
Found a match!
```

You can refer to the "IT 2431 Regular Expressions Quick Guide" to find some useful information.

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