**Java Regex**

<https://www.hackerrank.com/challenges/java-regex/problem>

Write a class called *MyRegex* which will contain a string pattern. You need to write a regular expression and assign it to the pattern such that it can be used to validate an IP address. Use the following definition of an IP address:

IP address is a string in the form "A.B.C.D", where the value of A, B, C, and D may range from 0 to 255. Leading zeros are allowed. The length of A, B, C, or D can't be greater than 3.

Some valid IP address:

000.12.12.034

121.234.12.12

23.45.12.56

Some invalid IP address:

000.12.234.23.23

666.666.23.23

.213.123.23.32

23.45.22.32.

I.Am.not.an.ip

In this problem you will be provided strings containing any combination of ASCII characters. You have to write a regular expression to find the valid IPs.

Just write the MyRegex class which contains a String *pattern*. The string should contain the correct regular expression.

(MyRegex class *MUST NOT* be public)

**Sample Input**

000.12.12.034

121.234.12.12

23.45.12.56

00.12.123.123123.123

122.23

Hello.IP

**Sample Output**

true

true

true

false

false

false