**Homework # 11**

Regexes for the following texts:

|  |  |  |
| --- | --- | --- |
|  | text | regex |
|  | **10.249.26.121** | ^(\d|[01]?\d\d|2[0-4]\d|25[0-5])\.(\d|[01]?\d\d|2[0-4]\d|25[0-5])\.(\d|[01]?\d\d|2[0-4]\d|25[0-5])\.(\d|[01]?\d\d|2[0-4]\d|25[0-5])$ |

|  |  |  |
| --- | --- | --- |
|  | regex | comment |
| 01 | ^ | # start of line |
| 02 | \d | # any digit |
| 03 | | | # alternation |
| 04 | [01] | # 0 or 1 |
| 05 | [0-4] | # 0,1,2,3 or 4 |
| 06 | [0-4] | # 0,1,2,3,4 or 5 |
|  | /. | # escaped dot character |
|  | + | # 1 or more times |
|  | [a-zA-Z]{2,9} | # any letter min 2 max 9 |
|  | \d{1,4} | # any digit min 1 max 4 |
|  | ? | # 0 or 1 time |
|  | [-\w\/#~:.?+=&%@~] | # hyphen or a word character or one of this /#~:.?+=&%@~ |