

CS122 Advanced Perl Programming

What is the return value of each of the following expressions?

1. `($string = "icecream") =~ /ice\s*cream/;`
2. `($string = "ice cream") =~ /ice\s*cream/;`
3. `($string = "Ice Cream") =~ /ice\s*cream/;`
4. `($string = "483") =~ /\d\d\d/;`
5. `($string = "9-1-1") =~ /\d\d\d/;`
6. `($string = <<TEXT) =~ /\^d+$/;`
408-924-5060
This is CS122
There are 25 students
5
TEXT
7. `($string = <<TEXT) =~ /\^d+$/;`
4
This is CS122
There are 25 students
TEXT
8. `($string = <<TEXT) =~ /\^d+$/m;`
4
This is CS122
There are 25 students
TEXT
9. `($string = "ac.d") =~ /ab?c[.:]d/;`
10. `($string = "abcd") =~ /ab?c[.:]d/;`

Write patterns to match the following:

First words in a sentence (that is, words with initial capital letters following some kind of punctuation and white spaces):

Percentages (any [whole] decimal followed by a percent sign):

Any number (with or without a decimal point, with or without a sign):