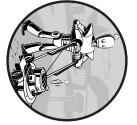


PATTERN MATCHING WITH REGULAR EXPRESSIONS



step further: they allow you to specify a *pattern* of you're looking for. Regular expressions go one by pressing CTRL-F and entering the words You may be familiar with searching for text

is how you, as a human, know a phone number when you see it: 415-555four more digits (and optionally, a three-digit area code at the start). This 1234 is a phone number, but 4,155,551,234 is not. Canada, you know it will be three digits, followed by a hyphen, and then phone number, but if you live in the United States or text to search for. You may not know a business's exact

We also recognize all sorts of other text patterns every day: email addresses have @ symbols in the middle, US social security numbers have and contain no spaces, and more. slashes, news headlines use title case, social media hashtags begin with # nine digits and two hyphens, website URLs often have periods and forward