Lesson 8e worksheets – Regular Expression

1. Understanding Regular Expression

A regular expression is a pattern that the regular expression engine attempts to match in input text.

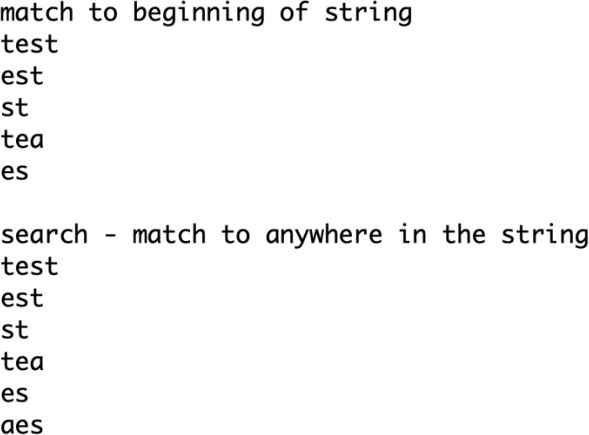
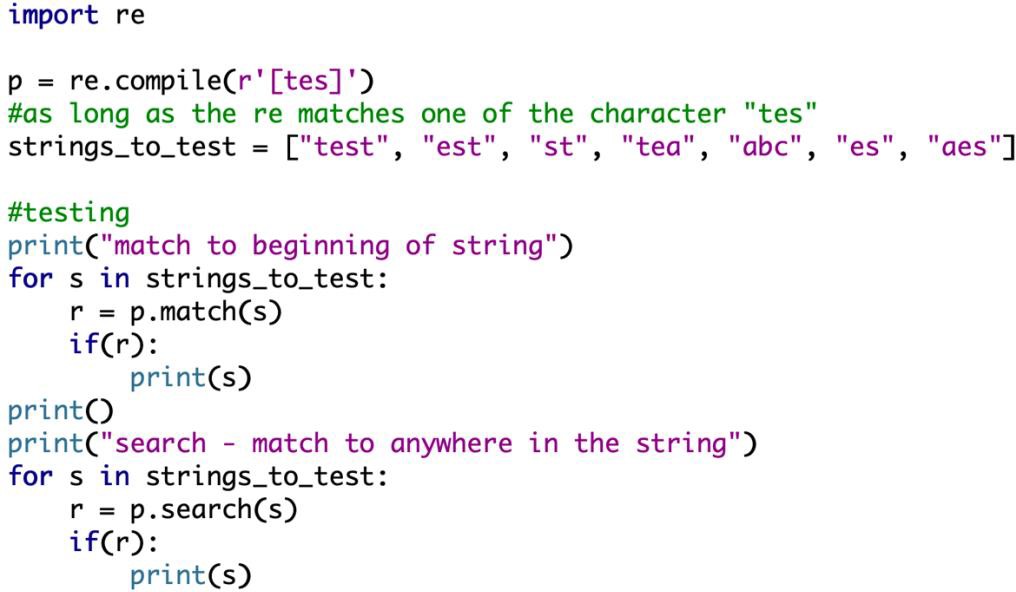
Regular Expression, or regex or regexp in short, is extremely and amazingly powerful in searching and manipulating text strings, particularly in processing text files. One line of regex can easily replace several dozen lines of programming codes.

In python, you need to first import the re package, write and compile the regular

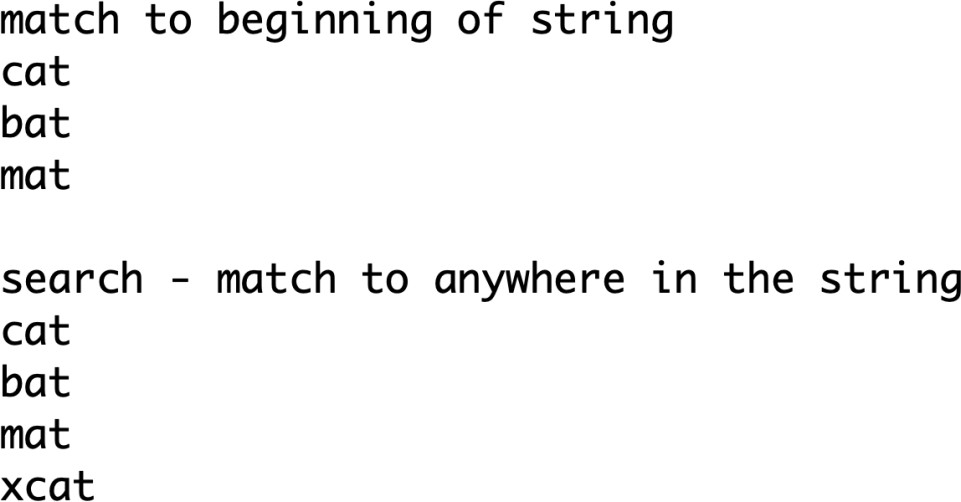
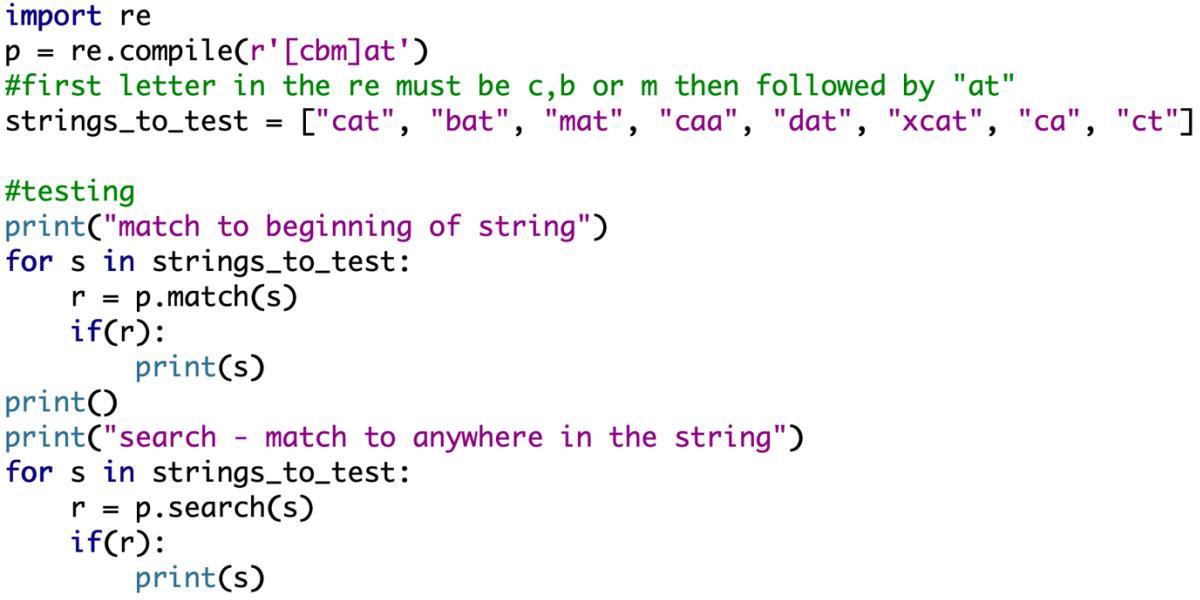
expression into an object. Then use either match() or search() function to match the item you need.

The match() function only matches the beginning of the string, the search() function match to anywhere in the string.

1. Match one of the characters [tes]



1. Match one of the characters [cbm] followed by at.



1. The first re characters is not 5.

