

Milad Azizi

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1.JAVA

2.JAVA

3.JAVA

4. Explain split(), sub(), subn() methods of “re” module in python?

Re module used for modify strings in python.

sub():used for finding substrings where the regex pattern matches and then replace them with a different string

split():uses a regex pattern to “split” a given string into a list.

subn(): used for finding substrings where the regex pattern matches and then replace them with a different string but it addition subn() returns the new string along with the number of replacements.

5.what is the difference between a tree map and heat map?

heat map is a two-dimensional representation of information with the help of colors.

Treemaps are ideal for displaying large amounts of hierarchically structured data