1) Write a script that let the user give a pattern like:

AAA-###-@@. And generate random strings where:

- A = random uppercase letter

- # = random digit

- @ = random lowercase letter

Example:

Input: AAA-###-@@

Output: QNR-483-az

semicolon

A Mini Search Engine

Build a simple text search tool Given a paragraph or full text file:

- Collects a long text or sentence

- Collect keyword to search for

- Show the number of matches

- Show all the index where the keyword is found as tuples

Example:

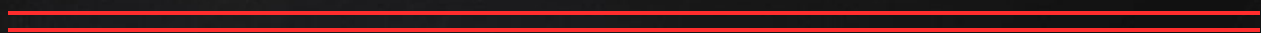Sentence : The Dog owner was not around when the dog bit the stranger

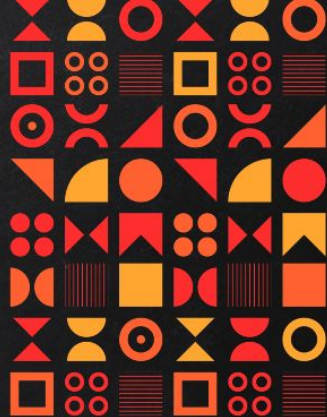Search : DoG

Output :

Index → (4, 6)   (38, 40)

keyWord → dog

Occurrences → 2

THANKS!

Hope that was fun?

semicolon