Document Search Performance Test

Steps:

1. Run the performanceTest.py

```
C:\caseStudy\target>python performanceTest.py
```

2. By default, the script will run 10k times

```
repeat_fun(10000, performance_search_match)
```

3. Performance Test results – 100k words

```
********************************PERFORMANCE TEST RESULTS********************************
+-----------------+--------------------+------------------------+-------------------------+
| Search Method   | Simple String Match | Regular Expression Search | String Index Search Match |
+=================+====================+========================+=========================+
| Elaspse Time(ms)|             178.094 |                174.368 |                 165.596 |
+-----------------+--------------------+------------------------+-------------------------+
```