BALAJI G

CODE IN PYTHON 3.9:

QUERY 1: Natural language processing

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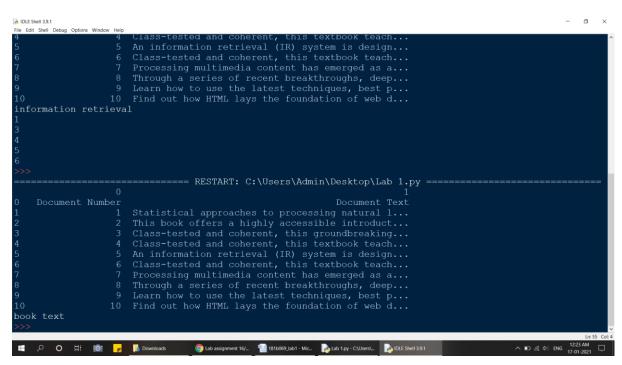
1 108.0000 Hypthon 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AM from docx im; D64)] on win32 import pandas Type "help", "copyright", "credits" or "license()" for more information.

document = D docu
```

QUERY 2: Information Retrieval

OUTPUT:

QUERY 3: Book text



QUERY 4: Book

OUTPUT:

```
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Fe Last Sed Debay Options Windows Help
Frocessing multimedia content has emerged as a...

Through a series of recent breakthroughs, deep...

Searn how to use the latest techniques, best p...

Find out how HTML lays the foundation of web d...

Document Number

Statistical approaches to processing natural l...

This book offers a highly accessible introduct...

A Class-tested and coherent, this textbook teach...

A Class-tested and coherent, this textbook teach...

A Information retrieval (IR) system is design...

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Processing multimedia content has emerged as a...

Through a series of recent breakthroughs, deep...

Design Through a series of recent breakthroughs, deep...

Find out how HTML lays the foundation of web d...

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```

QUERY 5: Web HTML



QUERY 6: Text theory



```
from docx import Document
import pandas as pd
document = Document()
document = Document(r'C:\Users\Admin\Downloads\Assignment task 1.docx')
table=document.tables[o]
data = [[cell.text for cell in row.cells] for row in table.rows]
df = pd.DataFrame(data)
print(df)
query=input()
a=[]
for col in df:
    a.append(df[col].str.contains(query))
for ind in df.index:
    if a[1][ind] == True:
        print(df[o][ind])
```