

## Bachelor of Technology (Computer Science & Engineering)

### CSD358: Information Retrieval, Monsoon 2024

#### Assignment-2

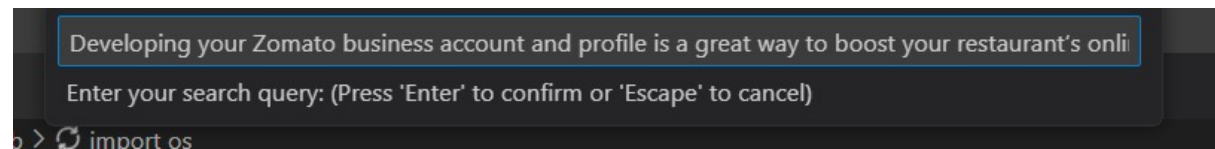
DEVANGI JOSHI- 2110110183

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Corpus- 40 documents in a folder named “documents”

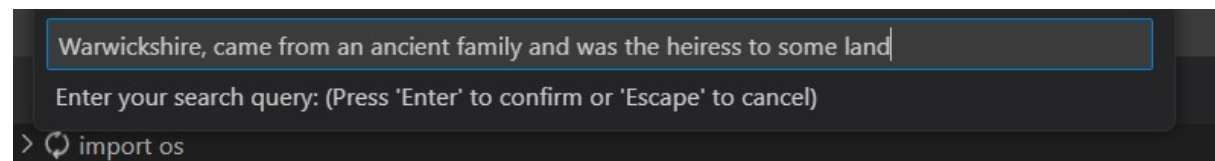
#### VECTOR SPACE MODEL

##### Query 1



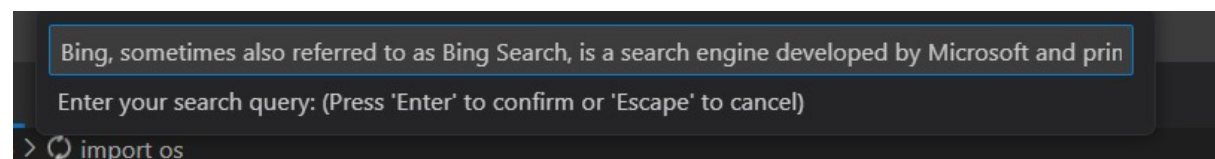
```
Top-ranked documents:  
zomato.txt: 0.5419  
swiggy.txt: 0.2948  
messenger.txt: 0.1763  
instagram.txt: 0.1746  
youtube.txt: 0.1526
```

##### Query 2



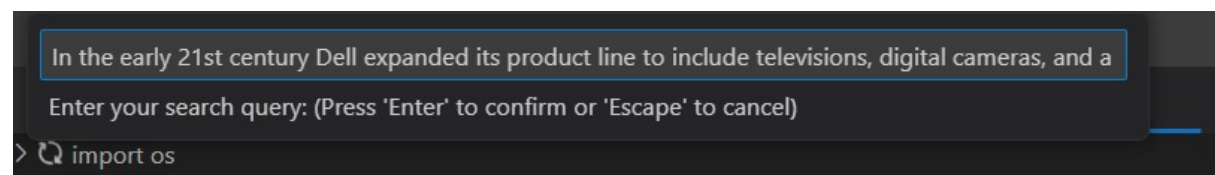
```
Top-ranked documents:  
shakespeare.txt: 0.3475  
levis.txt: 0.0871  
Adobe.txt: 0.0690  
nike.txt: 0.0654  
huawei.txt: 0.0538
```

Query 3 (taken directly from bing.txt)



```
Top-ranked documents:
bing.txt: 0.8530
yahoo.txt: 0.5263
google.txt: 0.3245
Adobe.txt: 0.1730
zomato.txt: 0.1433
```

Query 4



```
Top-ranked documents:
Dell.txt: 0.5411
samsung.txt: 0.3267
apple.txt: 0.2149
HP.txt: 0.2052
steam.txt: 0.1748
```