National University of Computer & Emerging Sciences, Karachi

Spring -2023
CS4051-Information Retrieval
Assignment 01

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- Download the zip file submitted on slate
- Extract it
- Open the folder in **jupyter notebook**
- There is a file named *invertedIndex,* runs all it's cells and it's ready to execute your query.

Output of Queries

```
Enter the query cricket AND captain
No of result docs : 10
Doc --> {'14', '25', '20', '29', '6', '1', '21', '9', '3', '22'}
```

```
Enter the query goOd AND ChasE
No of result docs : 5
Doc --> {'28', '27', '30', '16', '2'}
```

```
Enter the query pCb OR Psl
No of result docs : 3
Doc --> {'11', '29', '4'}
```

Enter the query ground and statement and board
No of result docs : 1
Docs --> {'17'}

Enter the query not ImPossiBle
No of result docs : 28
Docs --> {'14', '5', '28', '8', '19', '18', '26', '6', '24', '30', '23', '9', '3', '16', '13', '11', '17', '20', '25', '29', '7', '10', '12', '15', '1', '27', '21', '22'}

Enter the query international cricket /1
['1', '11', '12', '14', '25', '27', '28', '29', '6', '8']

```
# print(QueryWithoutStoplist)
```

Enter the query replacement players /9
['10', '14', '15', '2', '29', '6', '9']