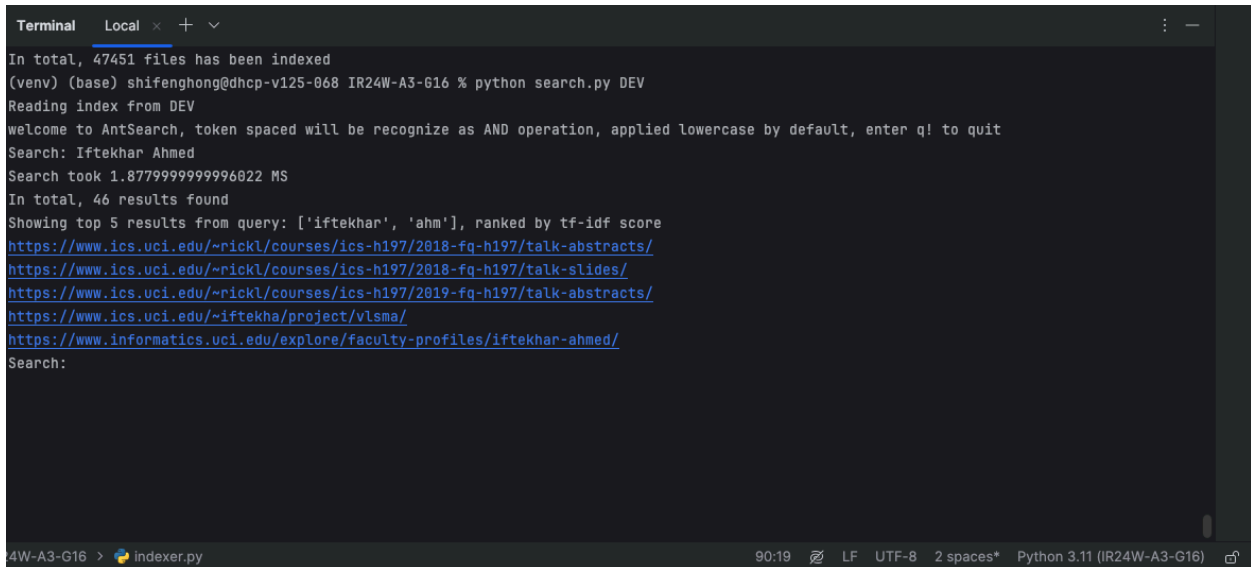At least the following queries should be used to test your retrieval:

1 – Iftekhar Ahmed

2 - machine learning

3 - ACM

4 - master of software engineering

Deliverables: Submit your code and a report (in PDF format) with the following content:

- the top 5 URLs for each of the queries above
- a screenshot of your search interface in action (text or web-based)

Terminal Local

In total, 47451 files has been indexed
(venv) (base) shifenghong@dhcp-v125-068 IR24W-A3-G16 % python search.py DEV
Reading index from DEV
welcome to AntSearch, token spaced will be recognize as AND operation, applied lowercase by default, enter q! to quit
Search: Iftekhar Ahmed
Search took 1.8779999999996022 MS
In total, 46 results found
Showing top 5 results from query: ['iftekhar', 'ahm'], ranked by tf-idf score
https://www.ics.uci.edu/~rickl/courses/ics-h197/2018-fq-h197/talk-abstracts/
https://www.ics.uci.edu/~rickl/courses/ics-h197/2018-fq-h197/talk-slides/
https://www.ics.uci.edu/~rickl/courses/ics-h197/2019-fq-h197/talk-abstracts/
https://www.ics.uci.edu/~iftekha/project/vlsma/
https://www.informatics.uci.edu/explore/faculty-profiles/iftekhar-ahmed/
Search: machine learning
Search took 1.8889999999993634 MS
In total, 3 results found
Showing top 5 results from query: ['machin', 'learning'], ranked by tf-idf score
https://www.cs.uci.edu/faculty/
https://www.cs.uci.edu/professor-irani-receives-distinguished-service-award/
https://www.cs.uci.edu/professor-irani-receives-distinguished-service-award/#more-2228
Search:

4W-A3-G16 > 🐍 indexer.py   90:19 ⊘ LF UTF-8 2 spaces* Python 3.11 (IR24W-A3-G16)

Terminal Local

https://www.ics.uci.edu/~rickl/courses/ics-h197/2018-fq-h197/talk-slides/
https://www.ics.uci.edu/~rickl/courses/ics-h197/2019-fq-h197/talk-abstracts/
https://www.ics.uci.edu/~iftekha/project/vlsma/
https://www.informatics.uci.edu/explore/faculty-profiles/iftekhar-ahmed/
Search: machine learning
Search took 1.8889999999993634 MS
In total, 3 results found
Showing top 5 results from query: ['machin', 'learning'], ranked by tf-idf score
https://www.cs.uci.edu/faculty/
https://www.cs.uci.edu/professor-irani-receives-distinguished-service-award/
https://www.cs.uci.edu/professor-irani-receives-distinguished-service-award/#more-2228
Search: ACM
Search took 237.5210000000001 MS
In total, 3164 results found
Showing top 5 results from query: ['acm'], ranked by tf-idf score
https://www.ics.uci.edu/~ardalan/services.html
https://www.ics.uci.edu/~dutt/services.htm
https://www.ics.uci.edu/~dvk/CV/cv.html
https://www.ics.uci.edu/~tujohnso/
https://www.ics.uci.edu/~mjcarey/MJCarey_Professional_Activities.html
Search:

4W-A3-G16 > 🐍 indexer.py   90:19 ⊘ LF UTF-8 2 spaces* Python 3.11 (IR24W-A3-G16)

```
In total, 3164 results found
Showing top 5 results from query: ['acm'], ranked by tf-idf score
https://www.ics.uci.edu/~ardalan/services.html
https://www.ics.uci.edu/~dutt/services.htm
https://www.ics.uci.edu/~dvk/CV/cv.html
https://www.ics.uci.edu/~tujohnso/
https://www.ics.uci.edu/~mjcarey/MJCarey_Professional_Activities.html
Search: master of software engineering
Search took 6.694000000000422 MS
In total, 0 results found
Showing top 5 results from query: ['master', 'of', 'softwar', 'engineering'], ranked by tf-idf score
No results found, try search again for stemmed token
Search took 1822.6930000000002 MS
In total, 1738 results found
Showing top 5 results from query: ['master', 'of', 'softwar', 'engin'], ranked by tf-idf score
https://www.ics.uci.edu/~aalshayb/
https://www.ics.uci.edu/~lopes/
https://www.informatics.uci.edu/grad/student-profiles/
https://www.informatics.uci.edu/grad/student-profiles/#content
https://www.informatics.uci.edu/grad/overview/#content
Search:
```