

SOLR -ROUND 2

1. Installed Solr in my local Machine

2. bin/solr start

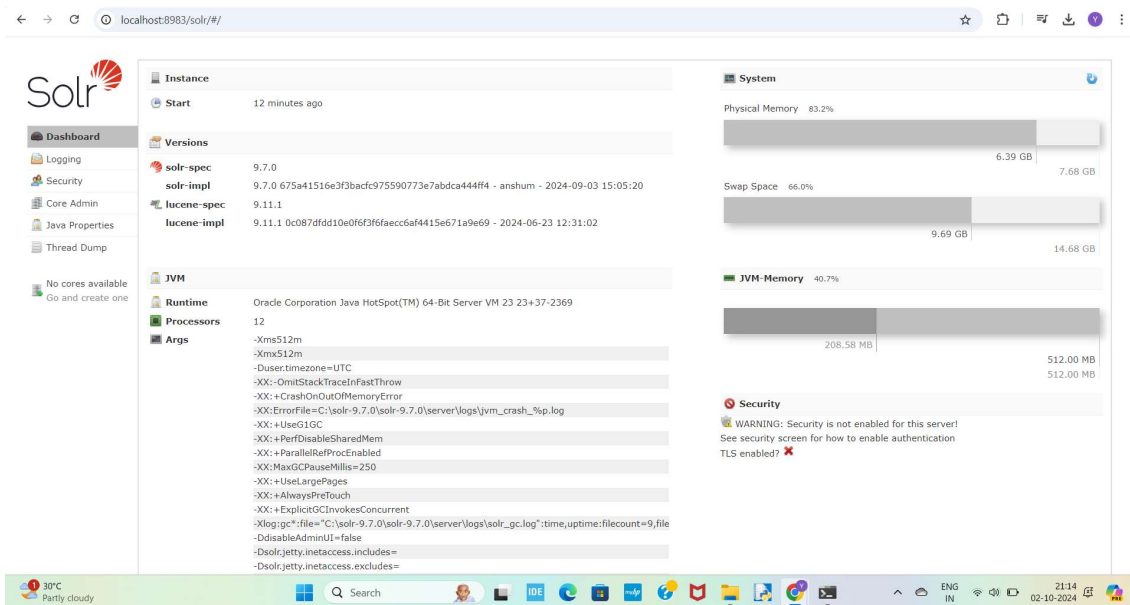
```
C:\Windows\System32\cmd.e x + v
Microsoft Windows [Version 10.0.22631.4169]
(c) Microsoft Corporation. All rights reserved.

C:\solr-9.7.0\solr-9.7.0\bin>solr start
Java 23 detected. Enabled workaround for SOLR-16463
Java HotSpot(TM) 64-Bit Server VM warning: JVM cannot use large page memory because it does not have enough privilege to
lock pages in memory.
WARNING: A command line option has enabled the Security Manager
WARNING: The Security Manager is deprecated and will be removed in a future release
Failed to parse command-line arguments due to: Unrecognized option: --max-wait-secs

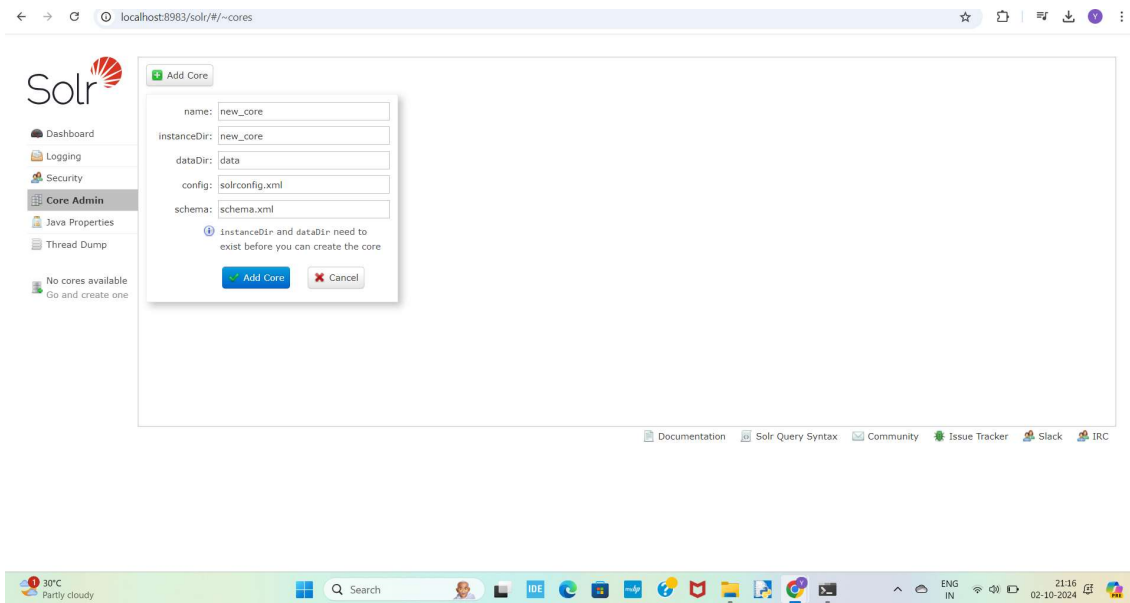
usage: bin/solr status [-maxWaitSecs <SECS>] [--solr-url <URL>]

List of options:
-maxWaitSecs <SECS>  Wait up to the specified number of seconds to see Solr running.
--solr-url <URL>    Address of the Solr Web application, defaults to: http://localhost:8983.
```

3. Solr is running on <http://localhost:8983/solr/#/>



4. Then click on the Core Admin to add the dataset name and directory path.



5. bin/solr create -c employee_data

```
C:\solr-9.7.0\solr-9.7.0\bin>solr create -c new_employee_data
WARNING: Using _default configset with data driven schema functionality. NOT RECOMMENDED for production use.
To turn off: bin\solr config -c new_employee_data -p 8983 -action set-user-property -property update.autoCreate
Fields -value false
Option '-solrUrl', '--solrUrl': Deprecatd for removal since 9.7: Use --solr-url instead
WARNING: URLs provided to this tool needn't include Solr's context-root (e.g. "/solr"). Such URLs are deprecated and sup
port for them will be removed in a future release. Correcting from [http://localhost:8983/solr] to [http://localhost:898
3/].
Option '-confdir', '--confdir': Deprecatd for removal since 9.7: Use --conf-dir instead
Option '-confdir', '--confdir': Deprecatd for removal since 9.7: Use --conf-dir instead
Option '-confdir', '--confdir': Deprecatd for removal since 9.7: Use --conf-dir instead
Option '-confdir', '--confdir': Deprecatd for removal since 9.7: Use --conf-dir instead
Option '-confname', '--confname': Deprecatd for removal since 9.7: Use --conf-name instead

Created new core 'new_employee_data'

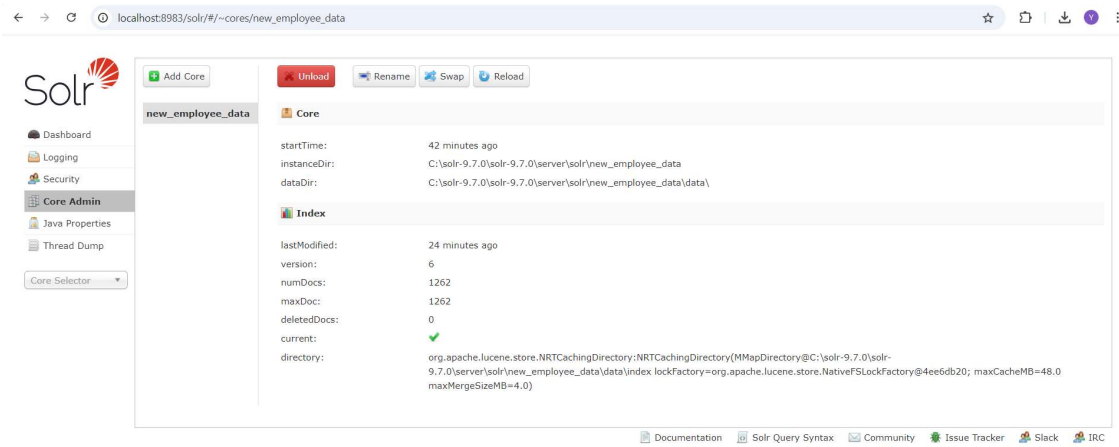
C:\solr-9.7.0\solr-9.7.0\bin>
```

6. bin/post -c employee_data path/to/employee_data.csv

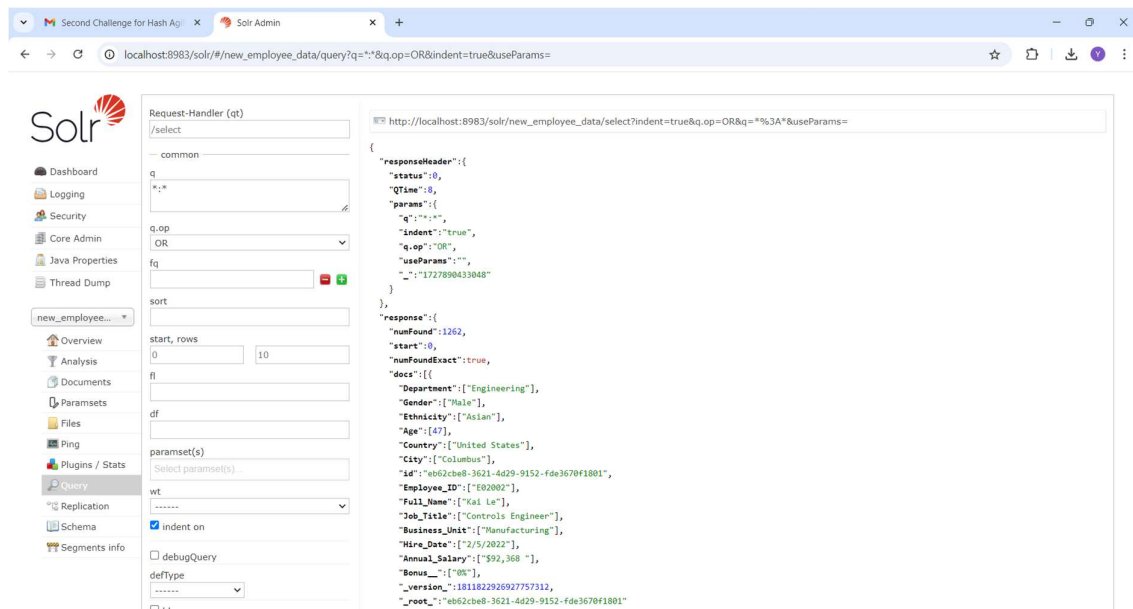
```
C:\solr-9.7.0\solr-9.7.0\bin>solr post -c new_employee_data --solr-update-url http://localhost:8983/solr/new_employee_da
ta/update "C:\Users\Yugendaran G\Employee Sample Data 1 (1).csv"
Posting files to [base] url http://localhost:8983/solr/new_employee_data/update...
Entering auto mode. File endings considered are xml,json,jsonl,csv,pdf,doc,docx,ppt,pptx,xls,xlsx,odt,odp,ods,ott,otp,ot
s,rtf,htm,html,txt,log
POSTing file Employee Sample Data 1 (1).csv (text/csv) to [base]
1 files indexed.
COMMITting Solr index changes to http://localhost:8983/solr/new_employee_data/update...
WARNING: URLs provided to this tool needn't include Solr's context-root (e.g. "/solr"). Such URLs are deprecated and sup
port for them will be removed in a future release. Correcting from [http://localhost:8983/solr] to [http://localhost:898
3/].
Time spent: 0:00:02.682

C:\solr-9.7.0\solr-9.7.0\bin>
```

7. New employee data is created



- Then click on the core selector and select the new_employee_data column and then open the query icon and excute query .



Second Challenge for Hash Agi | Solr Admin

localhost:8983/solr/#/new_employee_data/query?q=*:*&q.op=OR&indent=true&useParams=

Solr

Dashboard
Logging
Security
Core Admin
Java Properties
Thread Dump

new_employee...

Overview
Analysis
Documents
Params
Files
Ping
Plugins / Stats
Query
Replication
Schema
Segments info

debugQuery
defType
hl
facet
spatial
spellcheck
Raw Query Parameters
JSON Query
Execute Query

```

{
  "Hire_Date": "2/5/2022",
  "Annual_Salary": "$92,368 ",
  "Bonus_": [{"0%"}],
  "_version_": 1811822926927757312,
  "_root_": "eb62cbe8-3621-4d29-9152-fde3670f1801"
}, {
  "Department": ["Sales"],
  "Gender": ["Male"],
  "Ethnicity": ["Asian"],
  "Age": [58],
  "Country": ["United States"],
  "City": ["Chicago"],
  "Id": "Sebbe21d-55a3-4bec-aeF8-3a16cd6ca0cd",
  "Employee_ID": ["E82003"],
  "Full_Name": ["Robert Patel"],
  "Job_Title": ["Analyst"],
  "Business_Unit": ["Corporate"],
  "Hire_Date": ["10/23/2013"],
  "Annual_Salary": ["$45,703 "],
  "Bonus_": [{"0%"}],
  "_version_": 181182292704932128,
  "_root_": "Sebbe21d-55a3-4bec-aeF8-3a16cd6ca0cd"
}, {
  "Department": ["IT"],
  "Gender": ["Male"],
  "Ethnicity": ["Asian"],
  "Age": [34],
  "Country": ["China"],
  "City": ["Shanghai"],
  "Id": "ebf777fc-a60b-4639-a738-841dac4182d4",
  "Employee_ID": ["E82004"],
  "Full_Name": ["Cameron Lo"],
  "Job_Title": ["Network Administrator"],
  "Business_Unit": ["Research & Development"],
  "Hire_Date": ["3/24/2019"],
  "Annual_Salary": ["$83,576 "],
  "Bonus_": [{"0%"}],
  "_version_": 1811822927050440704,
  "_root_": "ebf777fc-a60b-4639-a738-841dac4182d4"
}

```

Second Challenge for Hash Agi | Solr Admin

localhost:8983/solr/#/new_employee_data/query?q=*:*&q.op=OR&indent=true&useParams=

Solr

Dashboard
Logging
Security
Core Admin
Java Properties
Thread Dump

new_employee...

Overview
Analysis
Documents
Params
Files
Ping
Plugins / Stats
Query
Replication
Schema
Segments info

```

{
  "Ethnicity": ["Caucasian"],
  "Age": [38],
  "Country": ["United States"],
  "City": ["Seattle"],
  "Id": "f6646eeb-8c13-4fad-b824-cf4fd1fc856",
  "Employee_ID": ["E82010"],
  "Full_Name": ["Gianna Holmes"],
  "Job_Title": ["System Administrator"],
  "Business_Unit": ["Manufacturing"],
  "Hire_Date": ["9/9/2011"],
  "Annual_Salary": ["$97,630 "],
  "Bonus_": [{"0%"}],
  "_version_": 1811822927132229632,
  "_root_": "f6646eeb-8c13-4fad-b824-cf4fd1fc856"
}, {
  "Department": ["Finance"],
  "Gender": ["Male"],
  "Ethnicity": ["Caucasian"],
  "Age": [52],
  "Country": ["United States"],
  "City": ["Miami"],
  "Id": "c592a80c-f2bd-4cd0-9828-44f039bb5178",
  "Employee_ID": ["E82011"],
  "Full_Name": ["Jameson Thomas"],
  "Job_Title": ["Manager"],
  "Business_Unit": ["Specialty Products"],
  "Hire_Date": ["2/5/2015"],
  "Annual_Salary": ["$105,879 "],
  "Bonus_": [{"10%"}],
  "_version_": 1811822927133276208,
  "_root_": "c592a80c-f2bd-4cd0-9828-44f039bb5178"
}
}

```

Documentation | Solr Query Syntax | Community | Issue Tracker | Slack | IRC

Yugendaran G
B.Tech IT