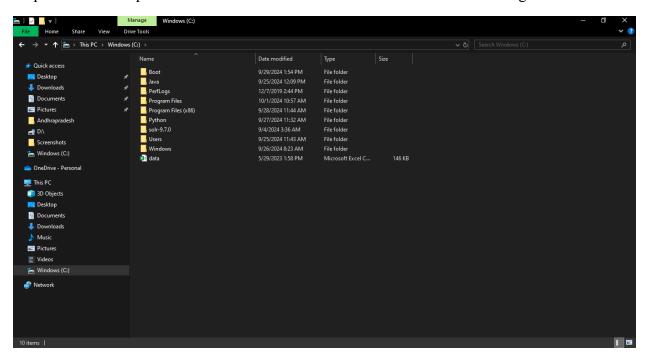
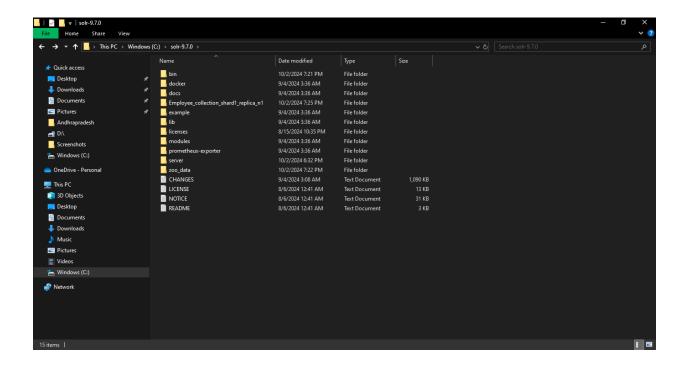
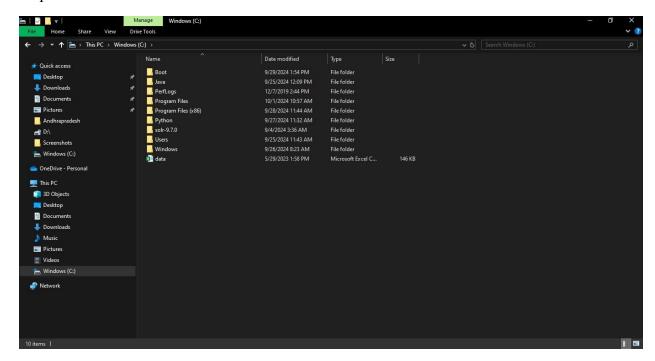
Apache Solr Assessment

Step 1: Install the apache solr taz file from official site and extract that file using rar software.

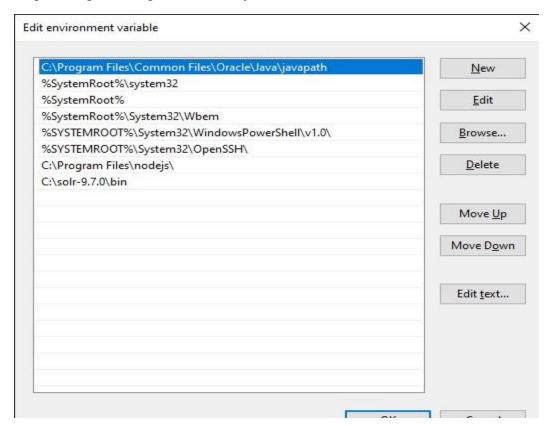




Step 2: Install JDK software form official site and install it on windows.



Step 3: Set path for apache solr and jdk.





Step 4: Open Comment line interface and redirect to the Solr directory and start Apache Solr server.

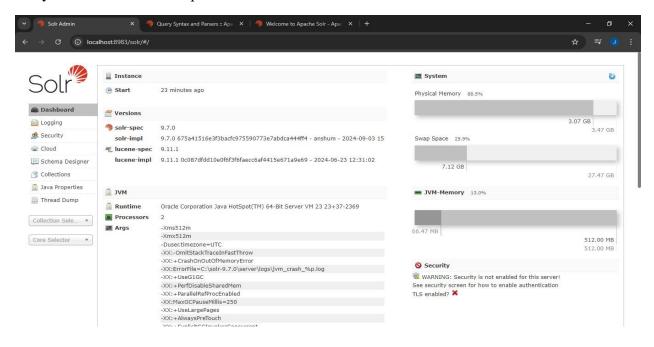
Comment Line: bin/solr start -c

```
C:\Solr-9.7.0\cdots | 0.9.1945.4894 |
(c) Microsoft Kindows [Version 10.0.1945.4894]
(c) Microsoft Corporation. All rights reserved.

C:\solr-9.7.0\cdot bin

C:\solr-9.7.0\cd
```

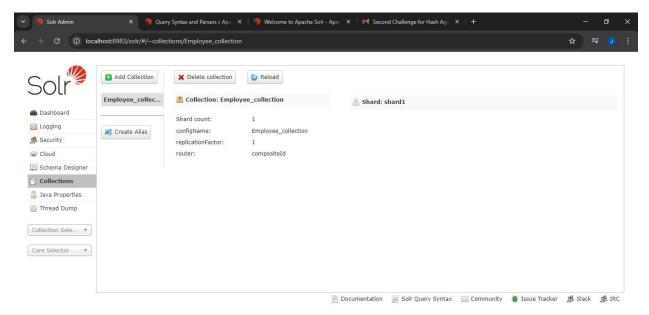
Step 5: Now you can see the solr server is running on port no localhost:8983 redirect to the host and you wiil see the admin pannel.



Step 6: Lets get start to indexing the Employe data on Solr.

1. Create a collection using comment line

Example: bin/solr create -c Employee_collection



2. Now indexing our employee data to a solr Employee collection using comment line.

Example: curl -X POST

http://localhost:8983/solr/Employee_collection/update/csv?commit=true" -H "Content-Type: text/csv" -data-binary @"C:/data.csv"

```
C:\solr-9.7.0\bin>curl -X POST "http://localhost:8983/solr/Employee_collection/update/csv?commit=true" -H "Content-Type: text/csv" --data-binary @"C:/data.csv"

{
    "responseHeader":{
    "r":1,
    "status":0,
    "QTime":10480
    }
}
```

Step 6: Now ensure that the data is successfully upload on the Employee_collection using comment line.

Example: curl "http://localhost:8983/solr/Employee_collection/select?q=*:*&wt=json"

Retrive the specific filed using comment line

Example: curl

http://localhost:8983/solr/Employee collection/select?q=Department:Engineering&wt=json

Retrive the only the male candidate using comment line

Finally Successfully indexed employee data on solr Employee_collection.