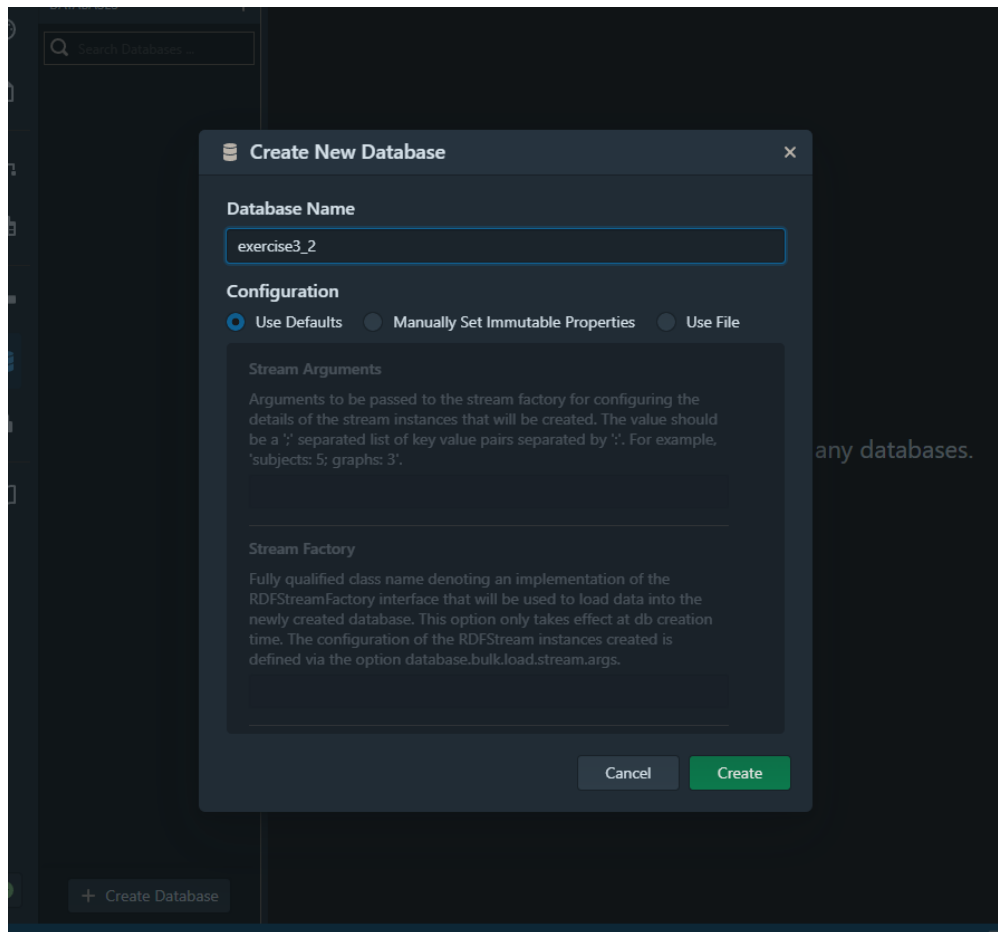


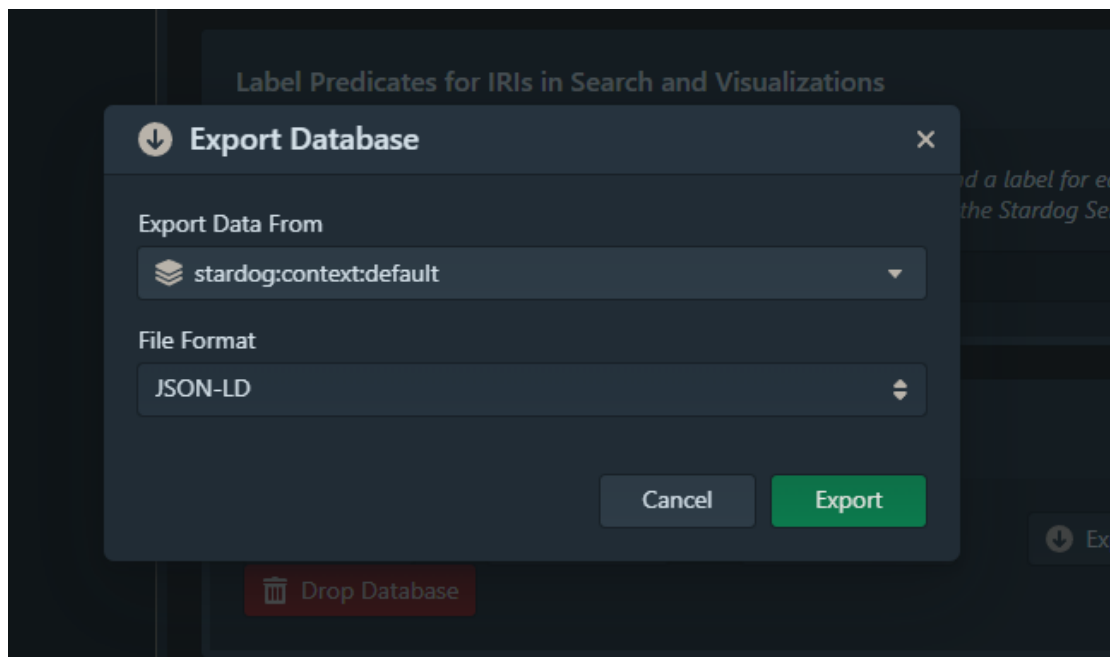
### 作業 3

#### 題目 1 執行流程畫面

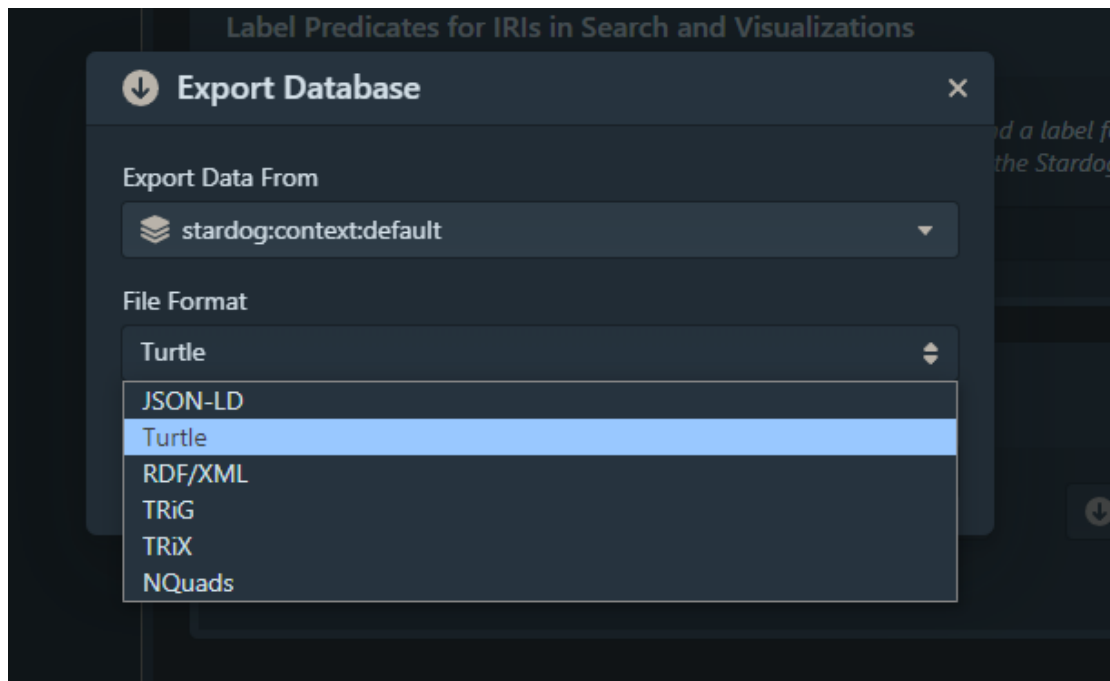
##### 1.create database



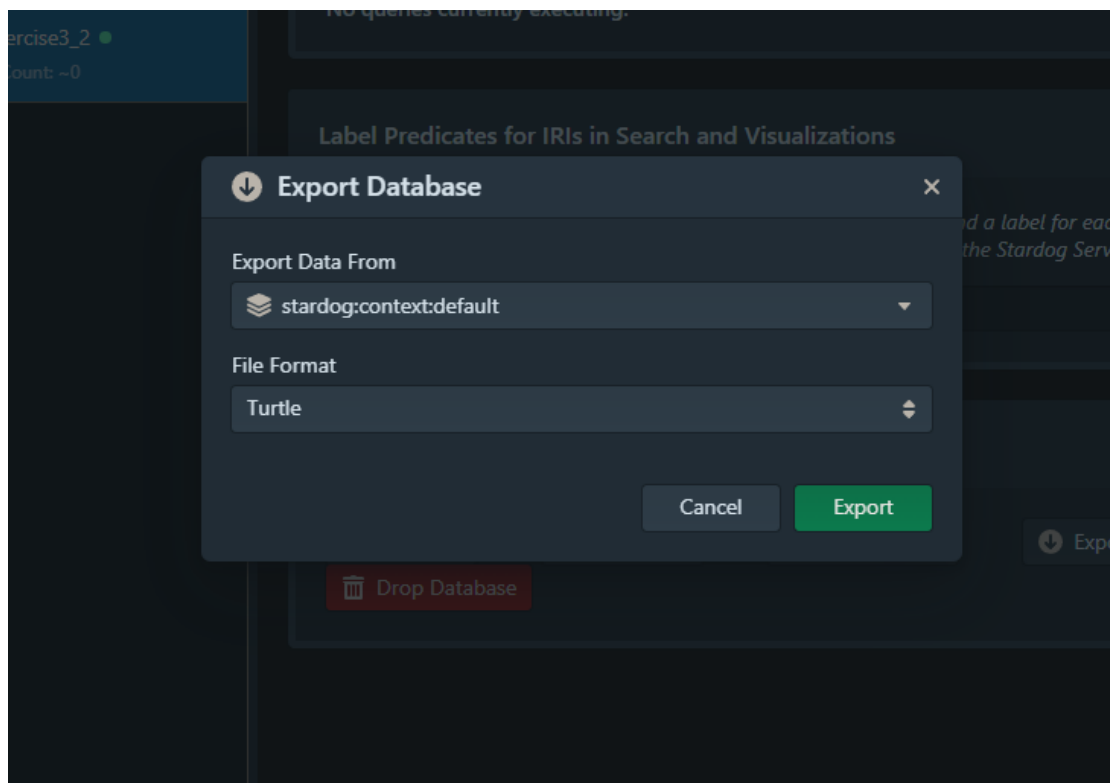
##### 2.export data to local



3.change file format to Turtle



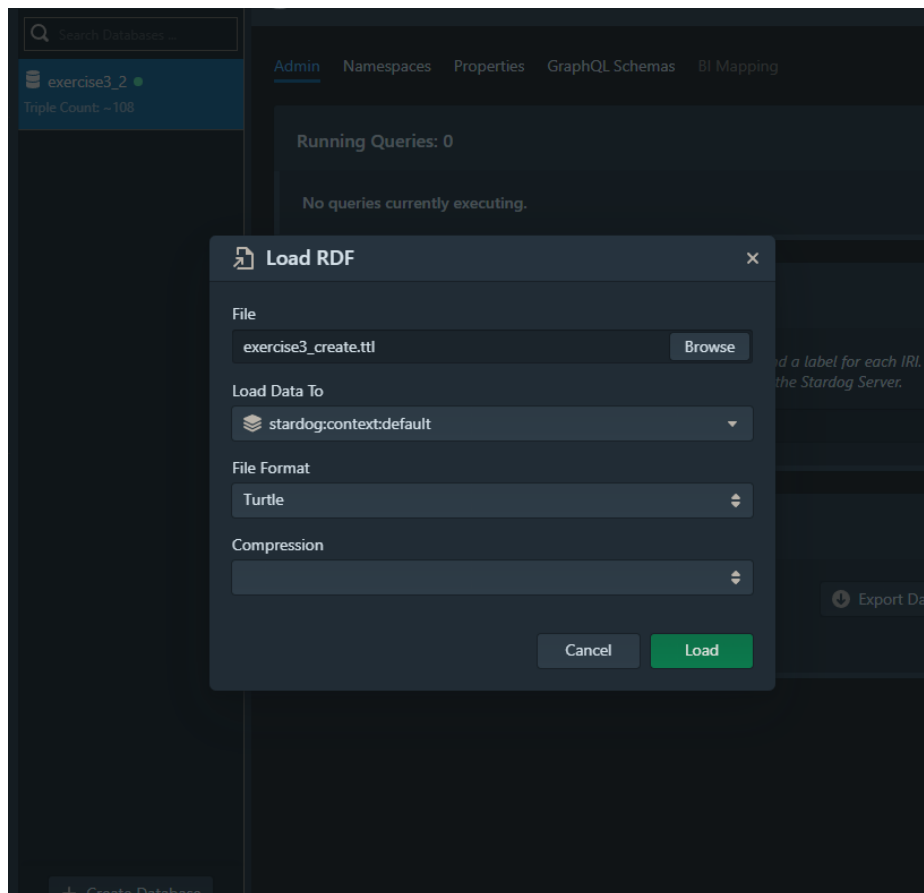
4.click Export button to download



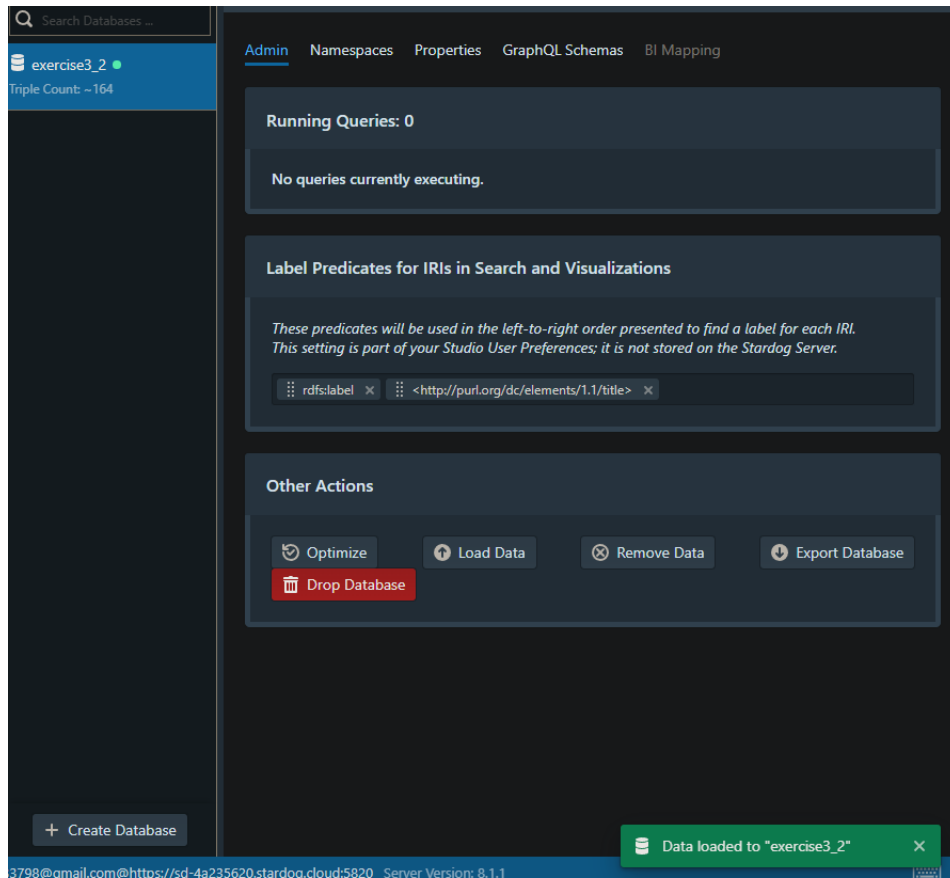
5.open database as txtfile and paste query then save file

```
cmd.txt exercise3_create.ttl U X @prefix : <http://api.stardog.com/> . Untitled-1 exercise3_create.ttl
作業3 > exercise3_create.ttl
1 @prefix : <http://api.stardog.com/> .
2 @prefix stardog: <tag:stardog:api:> .
3 @prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
4 @prefix owl: <http://www.w3.org/2002/07/owl#> .
5 @prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
6 @prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
7
8 @prefix : <urn:example:>.
9 _:lucy a :person; :name "Lucy"; :born_in _:idaho.
10 _:idaho a :location; :name "Idaho"; :type "state"; :within _:US.
11 _:US a :location; :name "United State"; :type "country"; :within _:north_america.
12 _:north_america a :location; :name "North America"; :type "continent"
13 _:alain a :person; :name "Alain"; :lives_in _:london.
14 _:lucy a :person; :name "Lucy"; :lives_in _:london; :married _:alain.
15 _:london a :location; :name "London"; :type "city"; :within _:england.
16 _:england a :location; :name "England"; :type "country"; :within _:uk.
17 _:uk a :location; :name "United Kingdom"; :type "country"; :within _:europe.
18 _:alain a :person; :name "Alain"; :born_in _:beaune.
19 _:beaune a :location; :name "Beaune"; :type "city"; :within _:cote_d'or.
20 _:cote_d'or a :location; :name "Cote d'Or"; :type "departement"; :within _:burgundy.
21 _:burgundy a :location; :name_en "Burgundy"; :name_fr "Bourgogne"; :within _:france.
22 _:france a :location; :name "France"; :type "country"; :within _:europe.
23 _:europe a :location; :name "Europe"; :type "continent"
```

## 6.reupload to stardog IDE

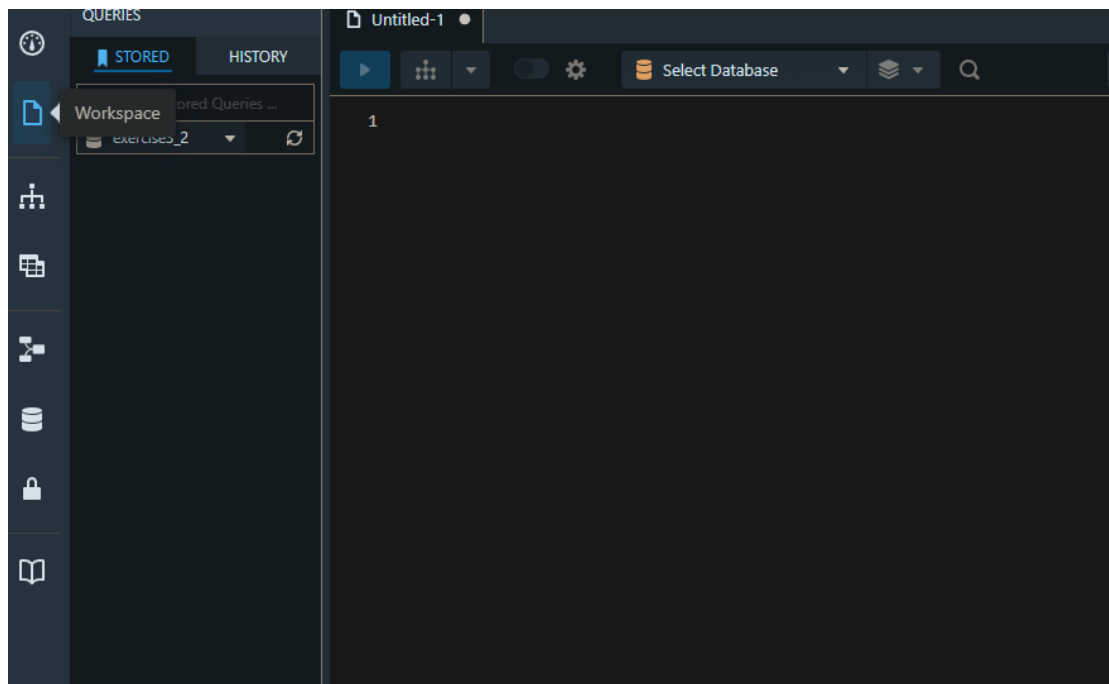


## 7.Finish with showing “Data loaded to “exercise3\_2” message

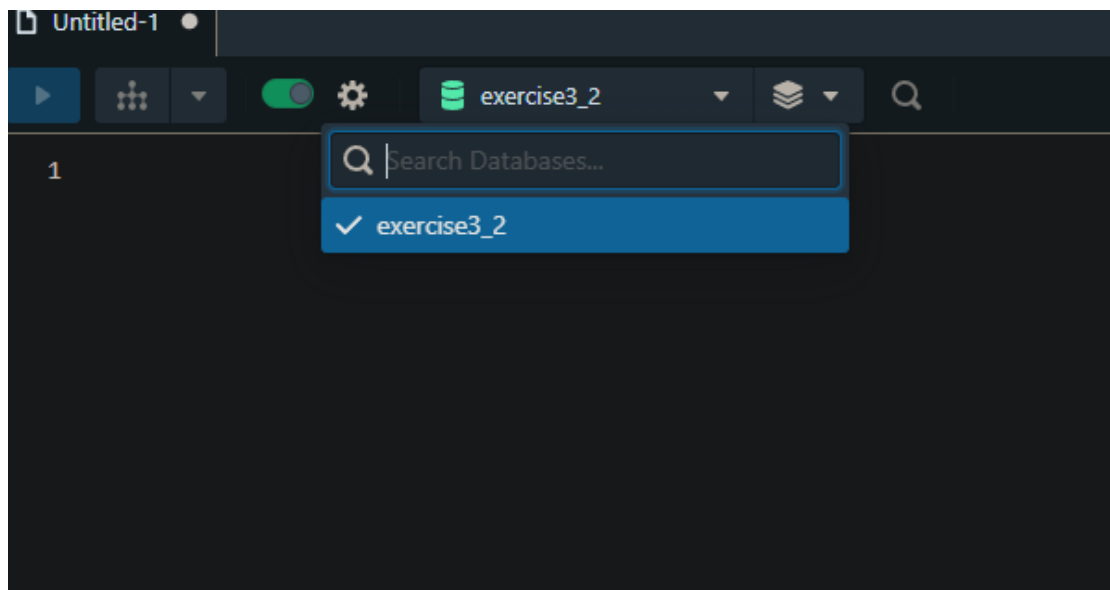


8. query to test if upload is truly uploaded

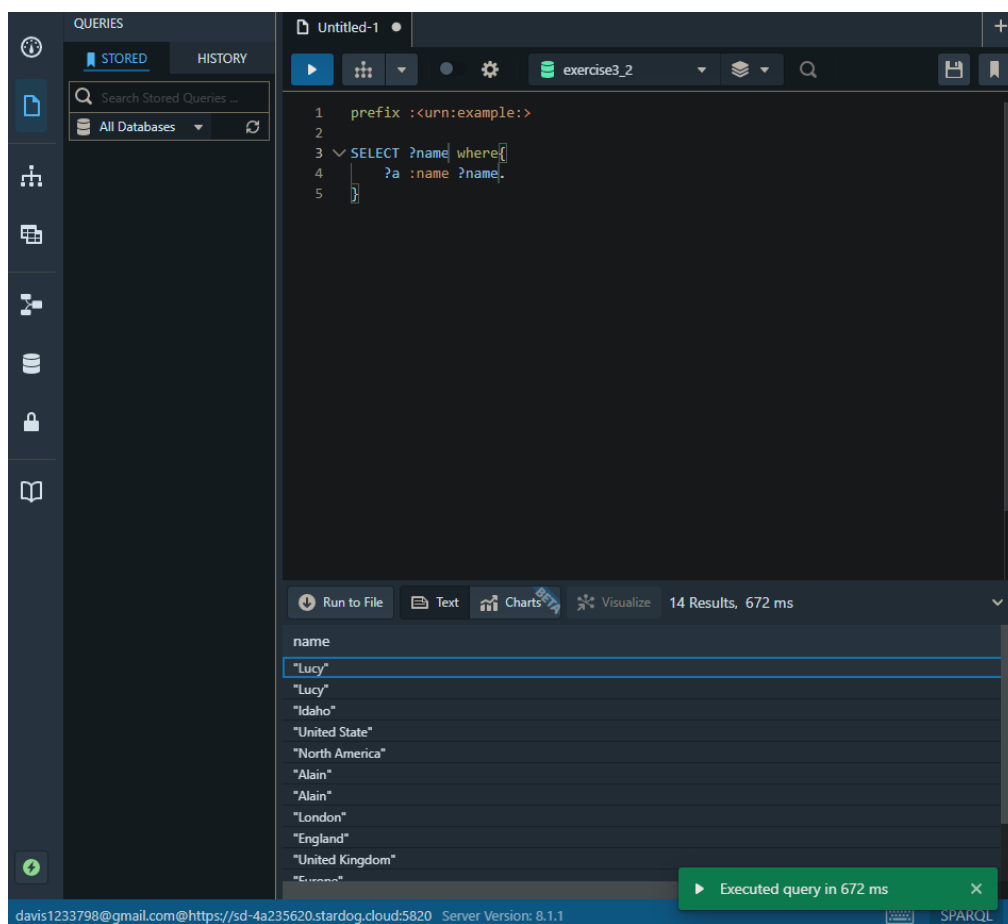
8.1 head to Workspace tab



## 8.2 change database to exercise3\_2

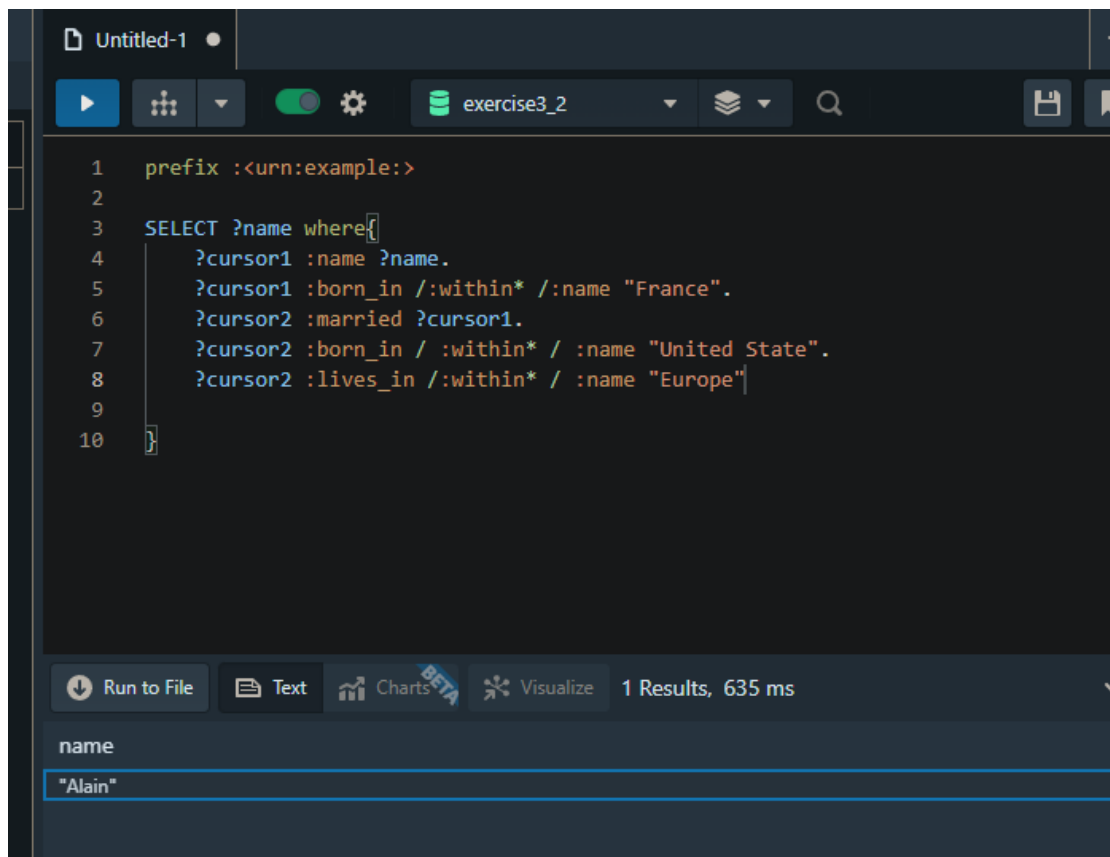


## 8.3 query



## 第二題

1.paste query and execute,result is "Alain"



The screenshot shows a query editor interface with a dark theme. The top toolbar includes a play button, a schema icon, a dropdown menu, a toggle switch, a settings gear, a database icon labeled 'exercise3\_2', a stack icon, a search icon, a save icon, and a bookmark icon. The query is written in a multi-line editor with line numbers 1 through 10 on the left. The query text is as follows:

```
1 prefix :<urn:example:>
2
3 SELECT ?name where{
4     ?cursor1 :name ?name.
5     ?cursor1 :born_in /:within* /:name "France".
6     ?cursor2 :married ?cursor1.
7     ?cursor2 :born_in / :within* / :name "United State".
8     ?cursor2 :lives_in /:within* / :name "Europe"|
9
10 }
```

Below the editor, there is a toolbar with buttons for 'Run to File', 'Text', 'Charts' (with a 'BETA' badge), and 'Visualize'. To the right of these buttons, it says '1 Results, 635 ms'. Below this toolbar, a table displays the query results. The table has a single column header 'name' and one data row containing the value 'Alain'.

name
"Alain"