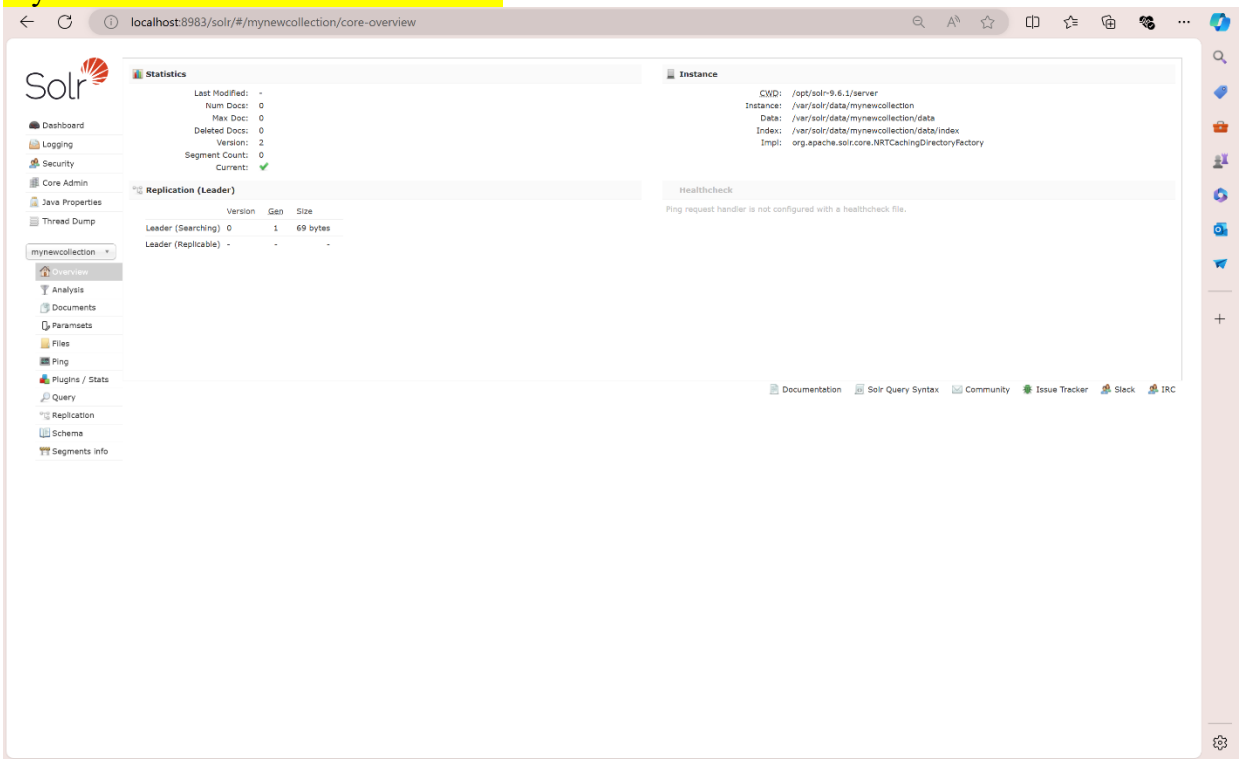
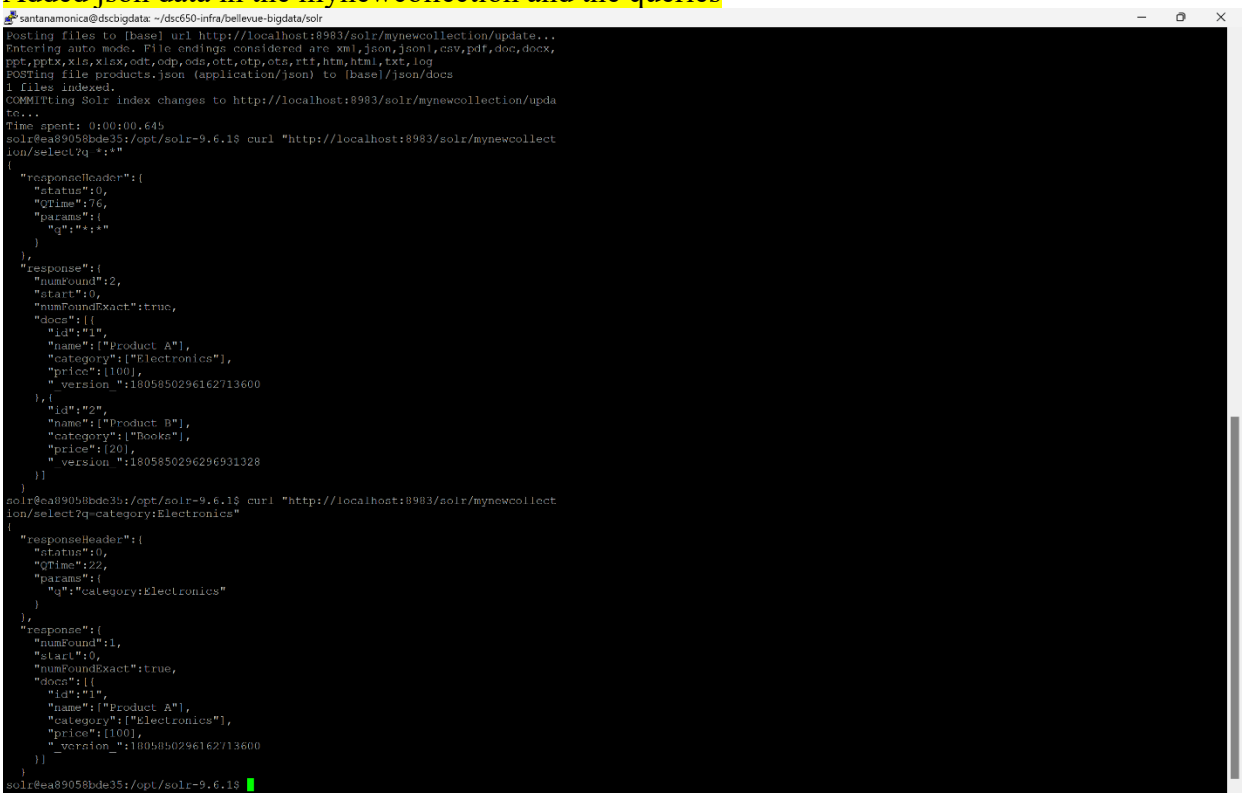
Monica Santana – Exercise 8

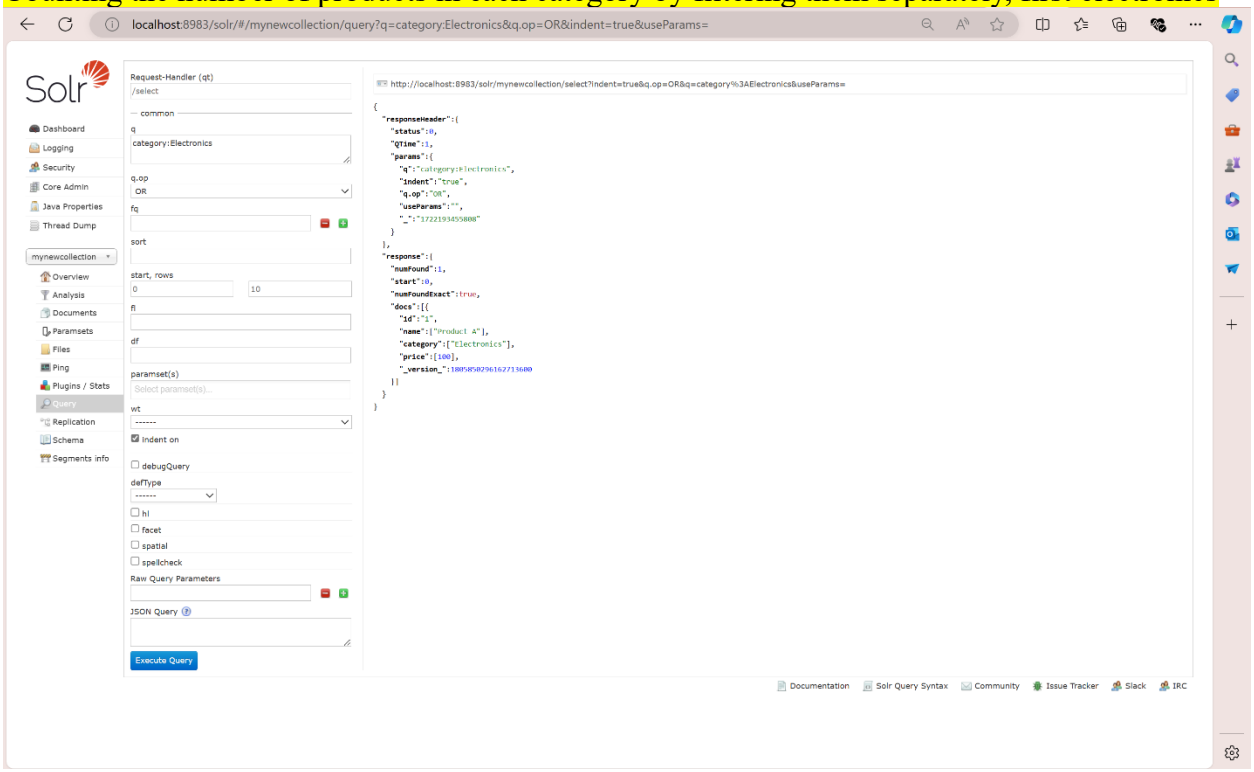
Mynewcollection in Solr web interface



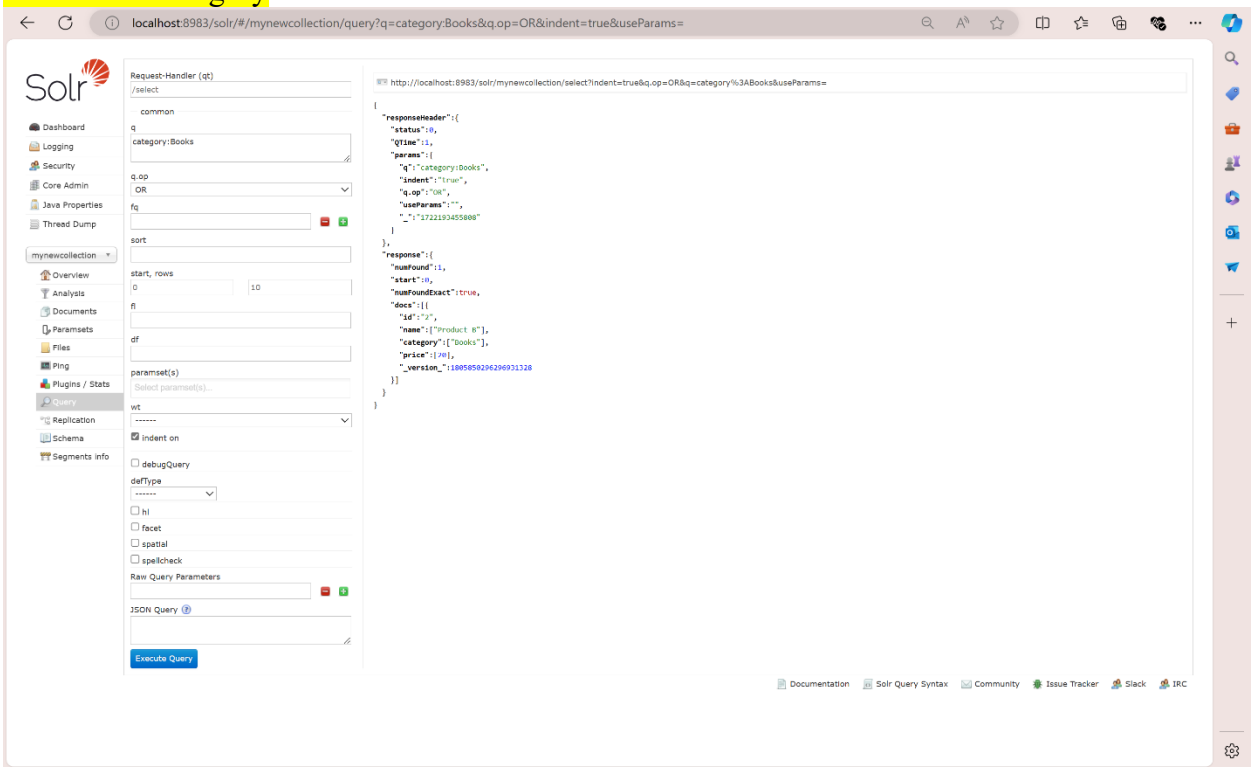
Added json data in the mynewcollection and the queries



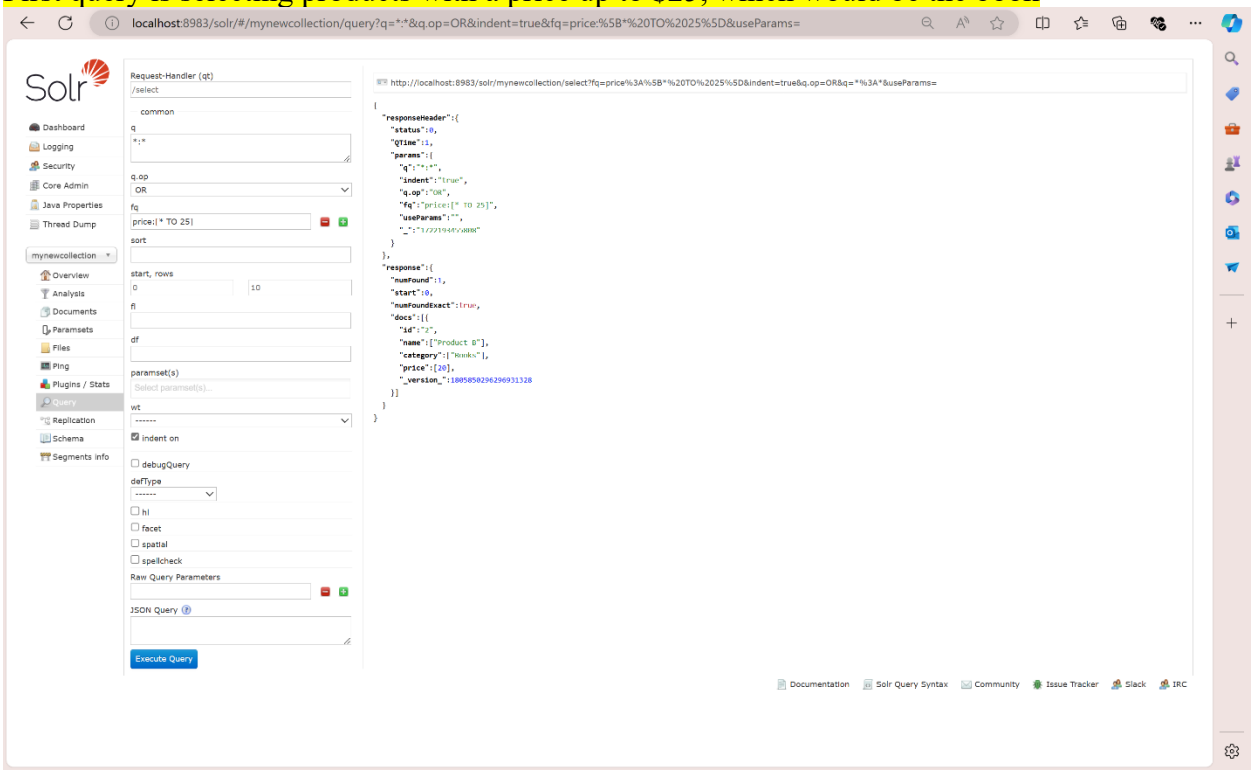
Counting the number of products in each category by filtering them separately, first electronics



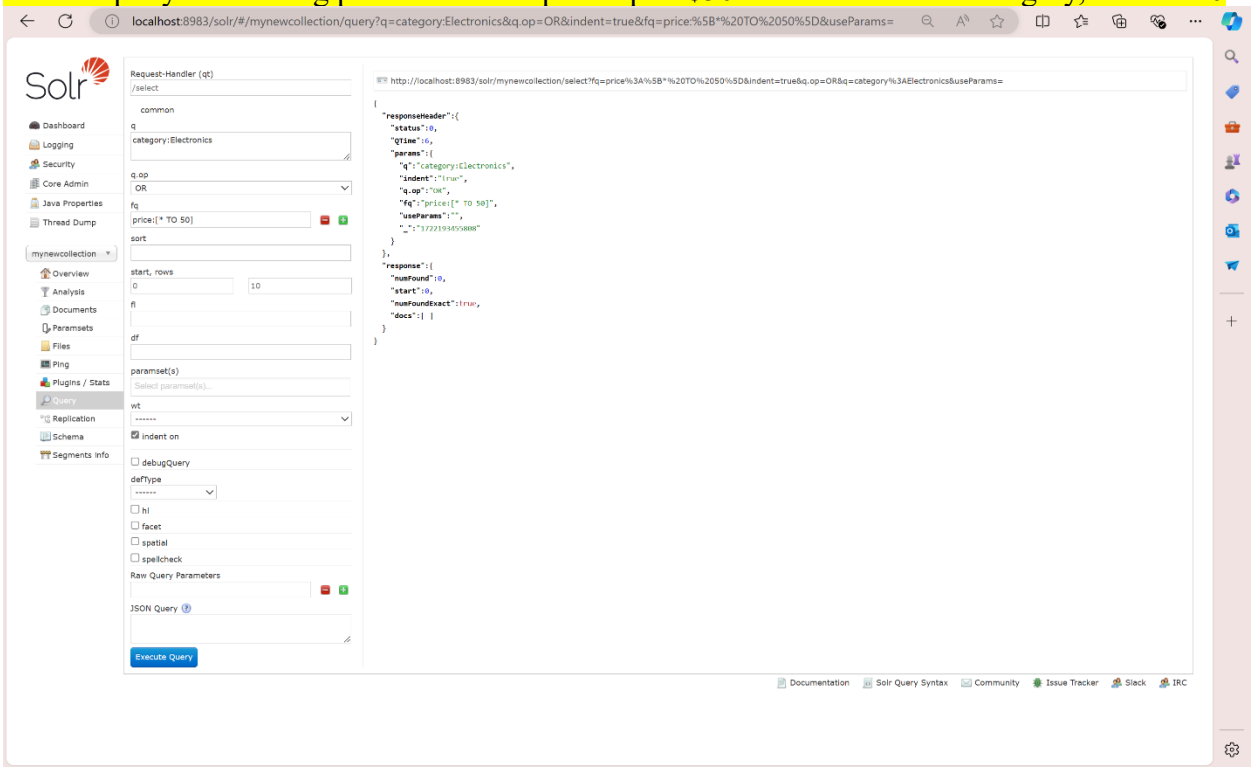
Now books category



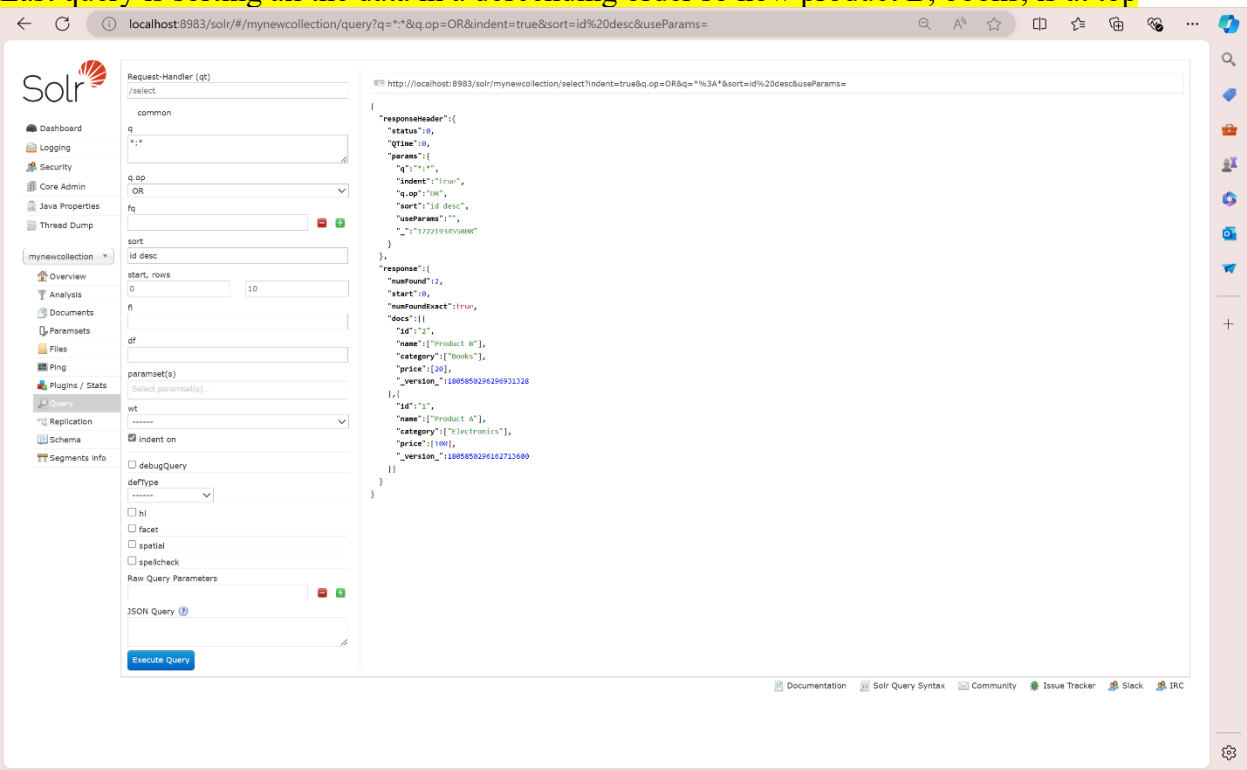
First query is selecting products with a price up to $25, which would be the book



Second query is selecting products with a price up to $50 in the electronics category, which is 0



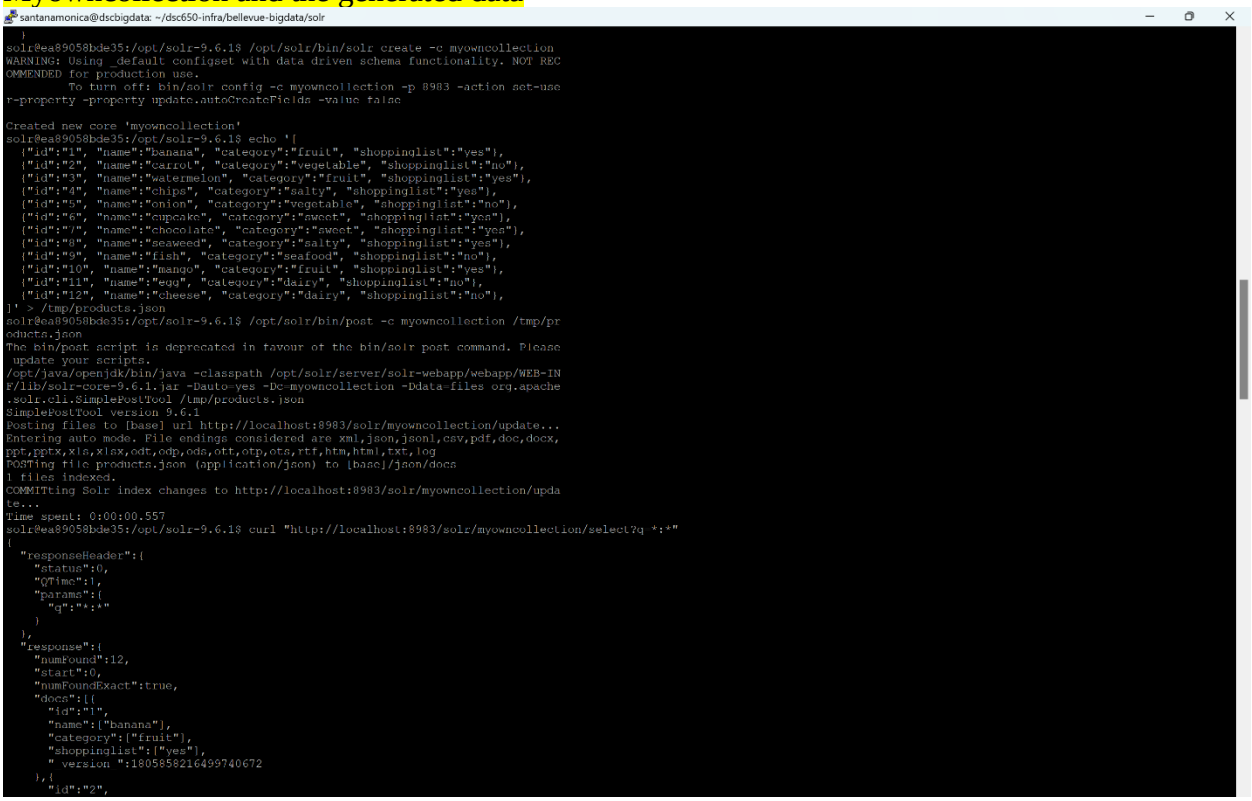
Last query is sorting all the data in a descending order so now product B, books, is at top



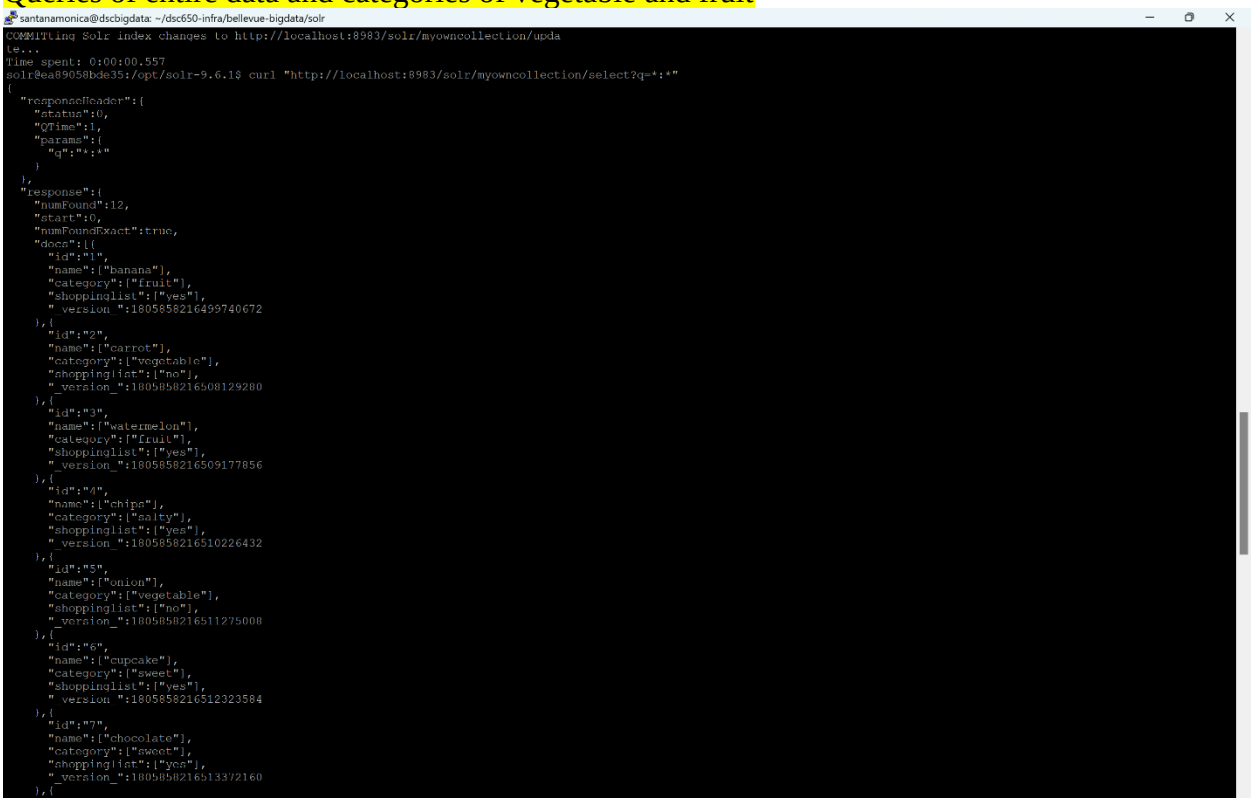
Created myowncollection in Solr and the queries

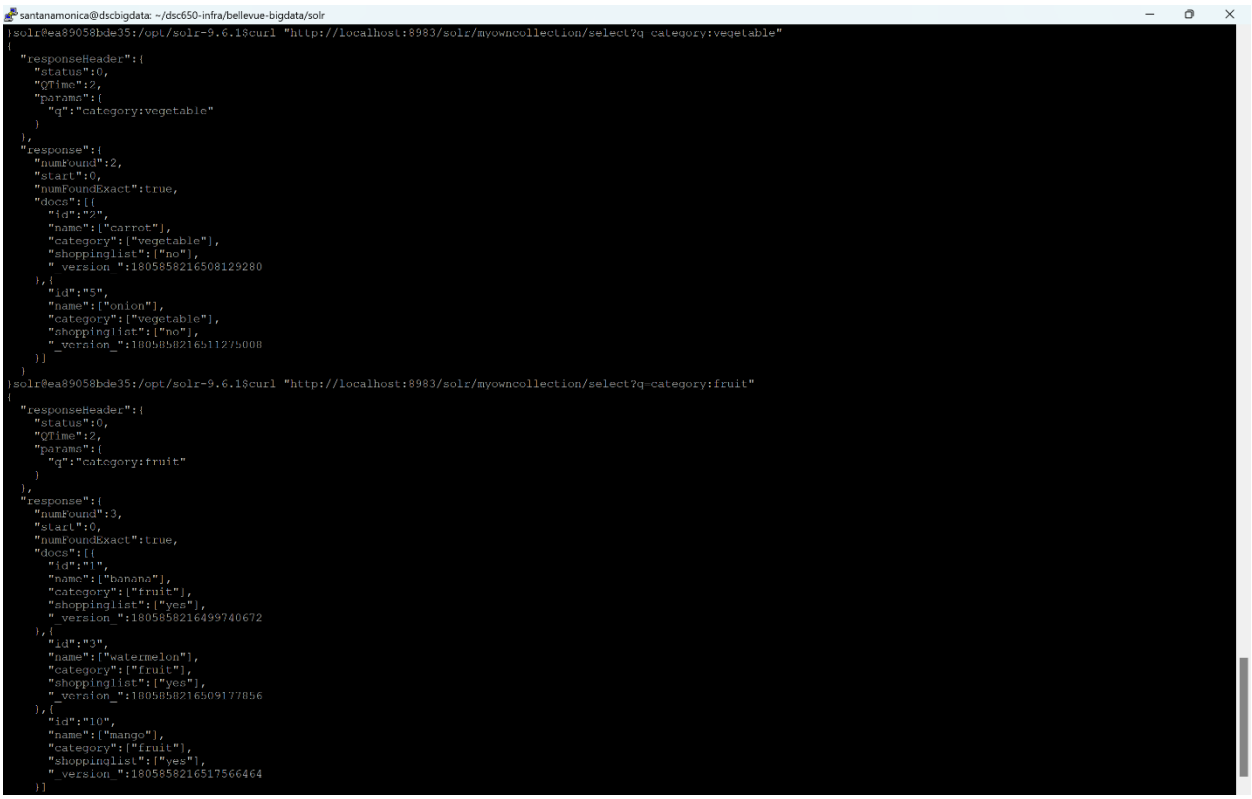
```
echo '[
  {"id":"1", "name":"banana", "category":"fruit", "shoppinglist":"yes"},
  {"id":"2", "name":"carrot", "category":"vegetable", "shoppinglist":"no"},
  {"id":"3", "name":"watermelon", "category":"fruit", "shoppinglist":"yes"},
  {"id":"4", "name":"chips", "category":"salty", "shoppinglist":"yes"},
  {"id":"5", "name":"onion", "category":"vegetable", "shoppinglist":"no"},
  {"id":"6", "name":"cupcake", "category":"sweet", "shoppinglist":"yes"},
  {"id":"7", "name":"chocolate", "category":"sweet", "shoppinglist":"yes"},
  {"id":"8", "name":"seaweed", "category":"salty", "shoppinglist":"yes"},
  {"id":"9", "name":"fish", "category":"seafood", "shoppinglist":"no"},
  {"id":"10", "name":"mango", "category":"fruit", "shoppinglist":"yes"},
  {"id":"11", "name":"egg", "category":"dairy", "shoppinglist":"no"},
  {"id":"12", "name":"cheese", "category":"dairy", "shoppinglist":"no"},
]' > /tmp/products.json
```

Myowncollection and the generated data



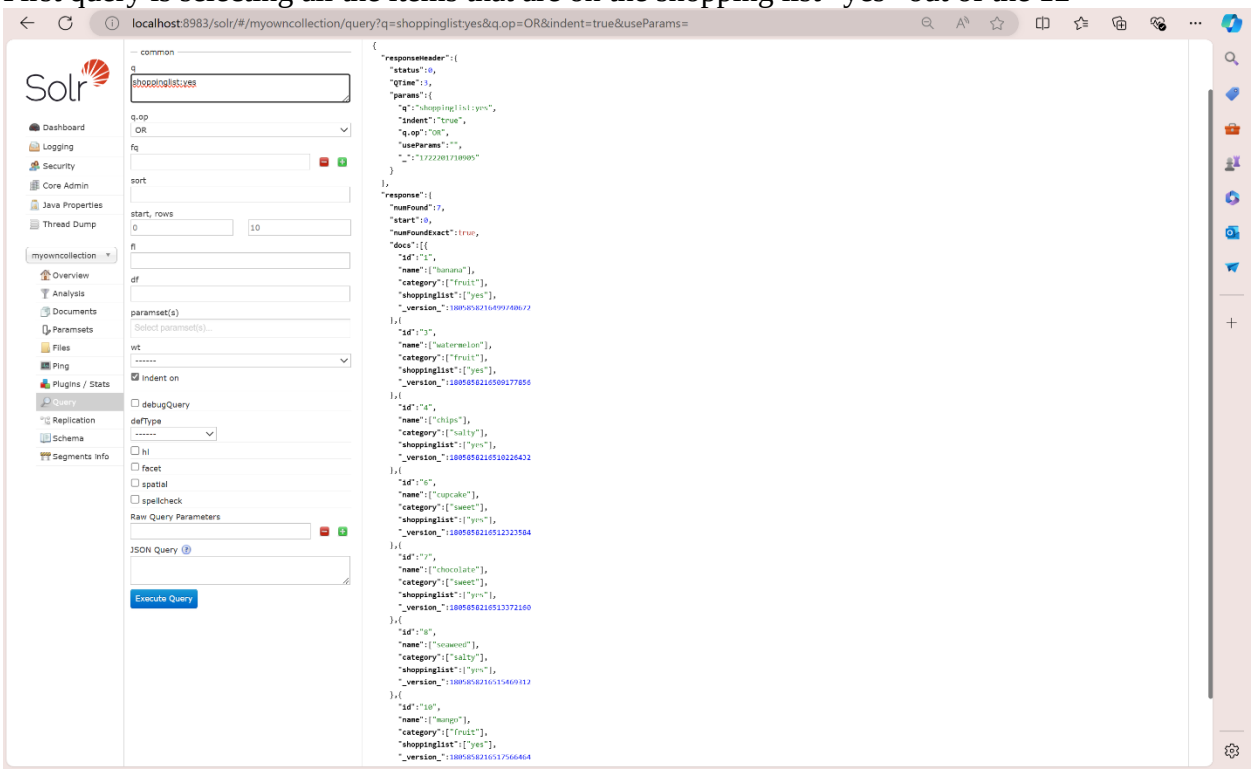
Queries of entire data and categories of vegetable and fruit



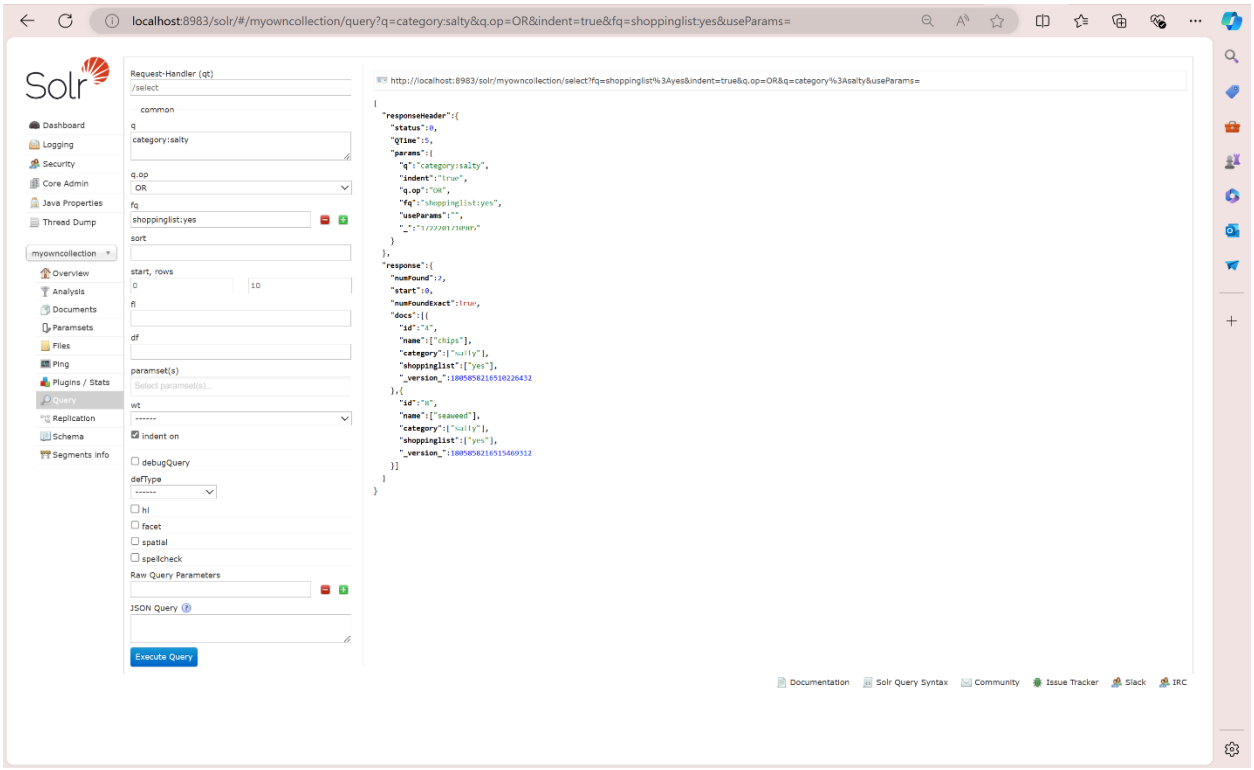


Queries in Solr Web Interface

First query is selecting all the items that are on the shopping list “yes” out of the 12



Second query is selecting all the items that are on the shopping list and in the salty category



Third query is selecting all the items that are in the dairy category and descending the order