**2.SOLR USECASE**

a. Create a Solr Collection including our own Field Types

b. Perform 10 intuitive questions in Dataset (e.g.: pattern recognition, topic

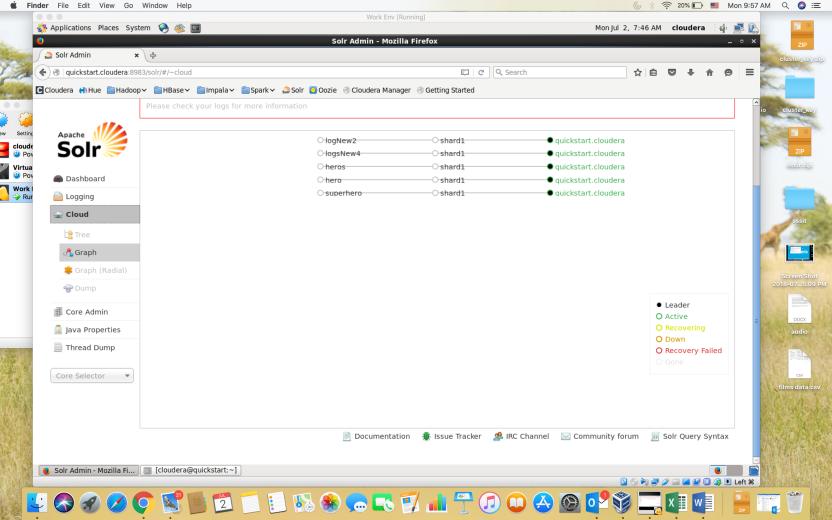
discussion, most important terms, etc.). Use your innovation to think out of

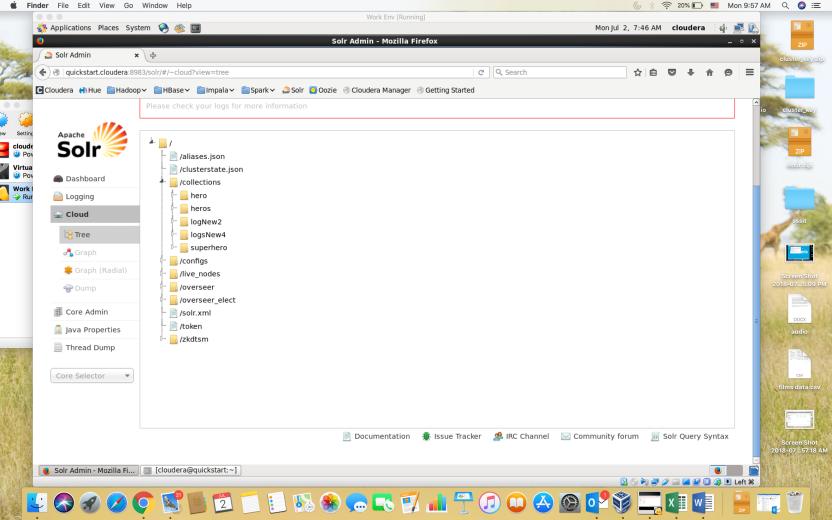
box. Implement at least 5 nested queries among the 10.

c. Record the time execution for the queries.

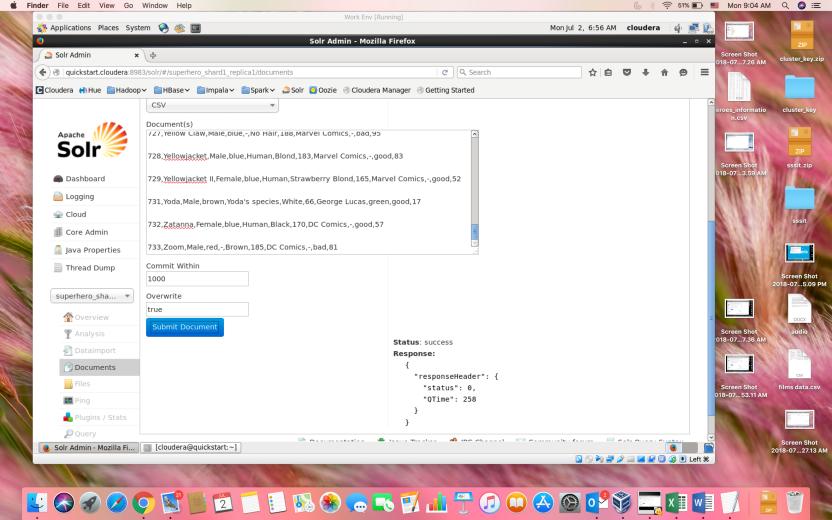
Dataset used – Superheros.

Step – 1 Created a new instancedir and collections using modified schema.

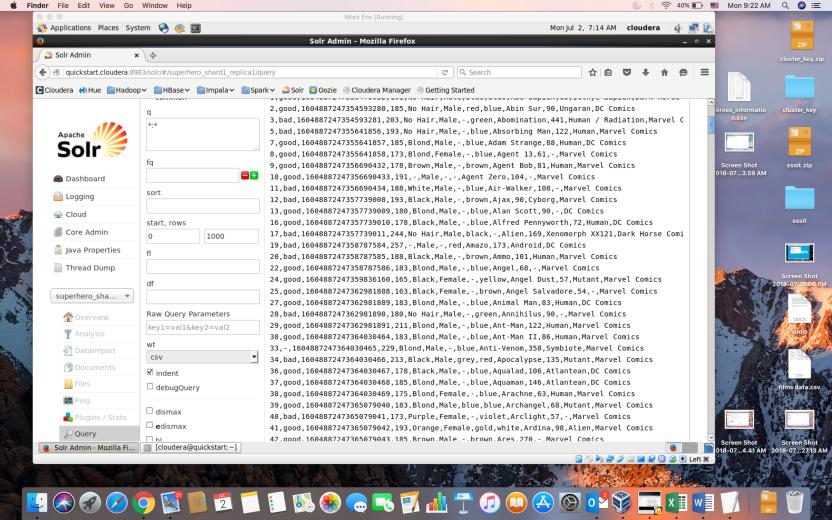




Step 2 – Loaded the superheros data in CSV format.

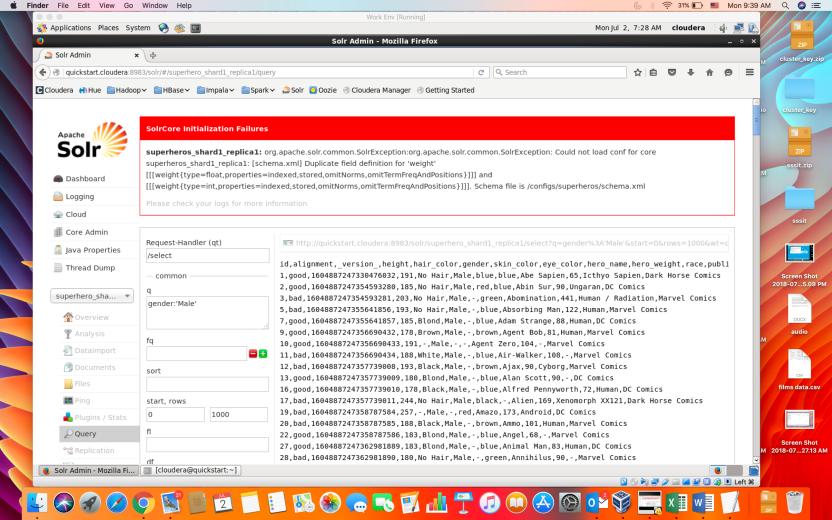


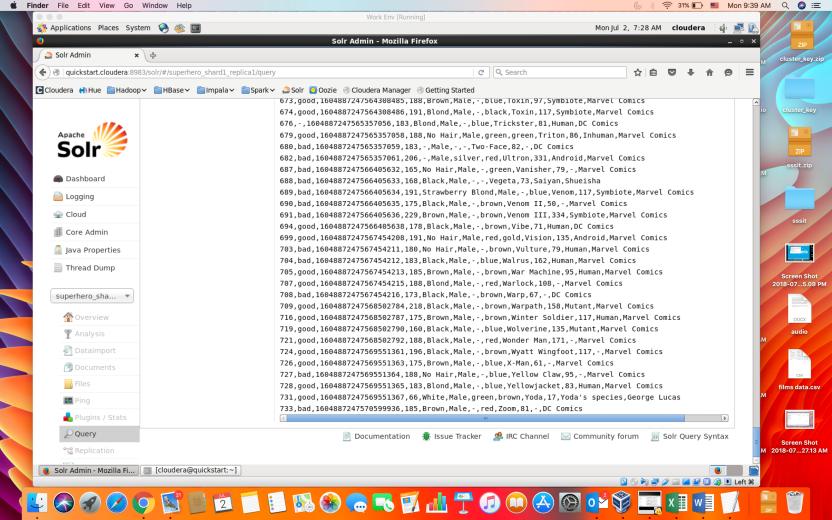
Step – 3 Performing basic query to retrive all data



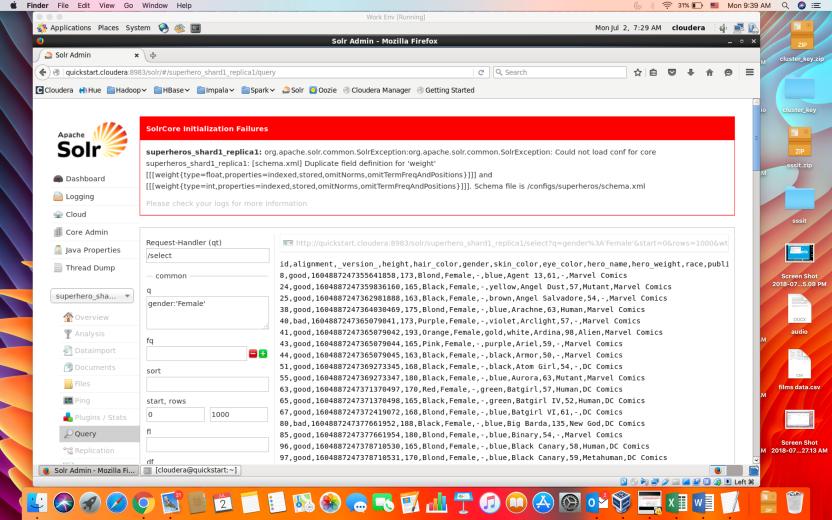
Step 4 – Different queries executed

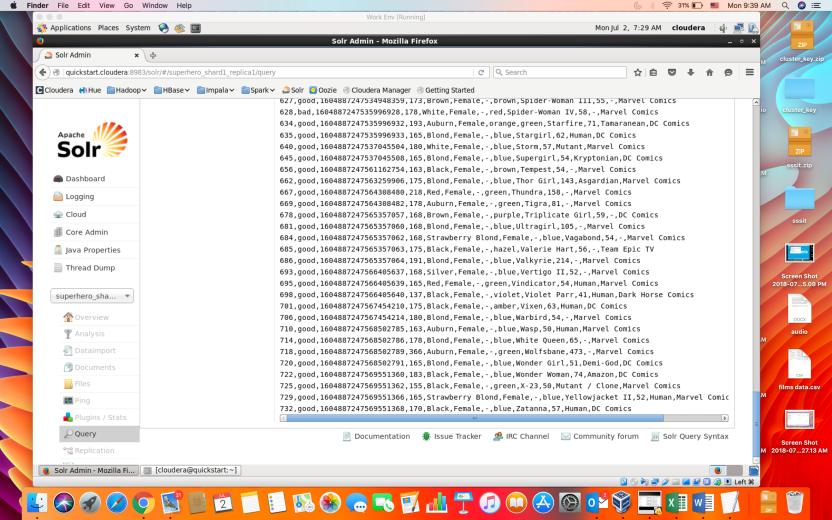
Query 1 Filter all the male superhero characters



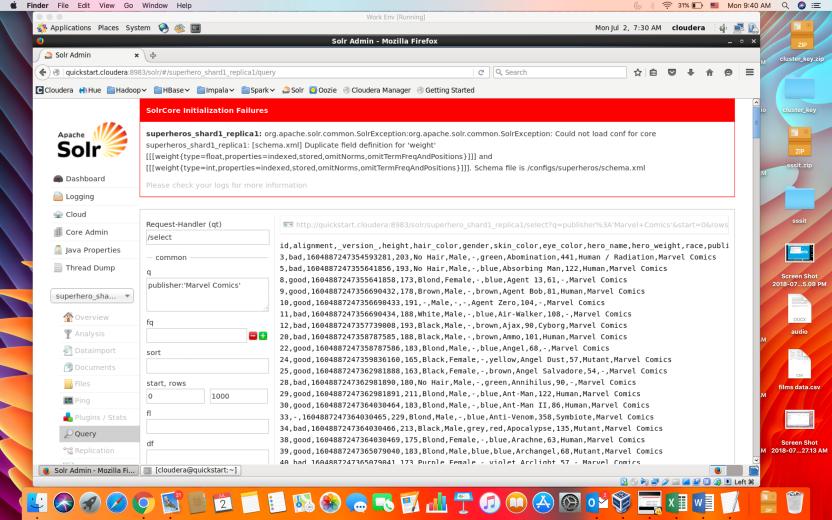


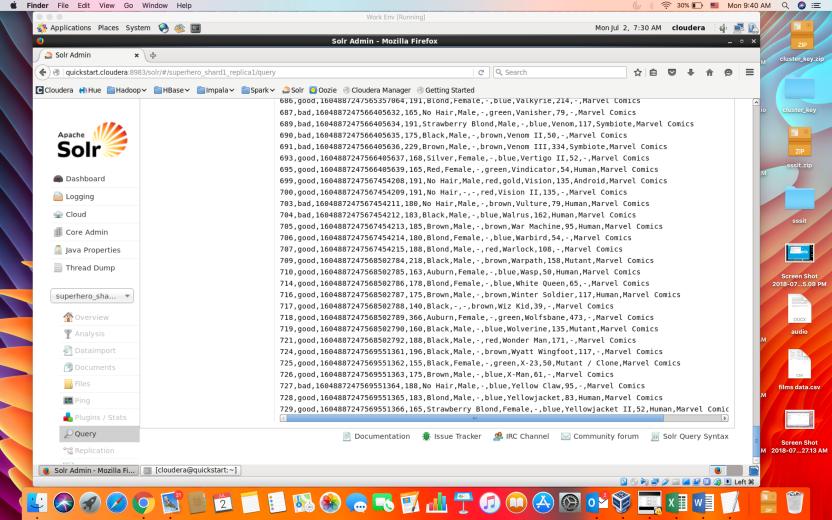
Query 2 – Filtering all the Female superhero characters



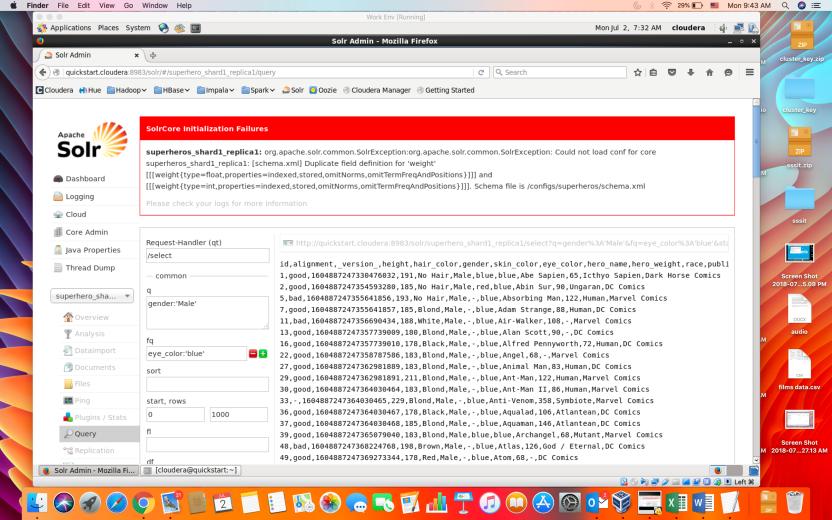


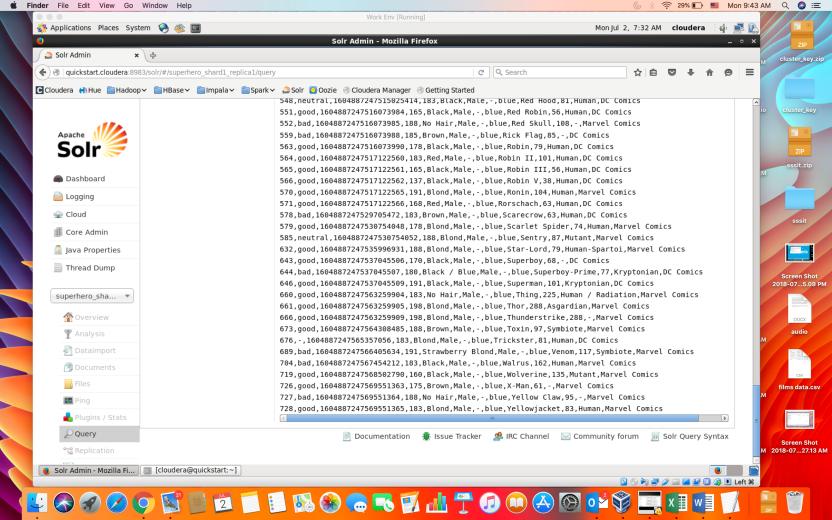
Query 3 – Filtering all Marvel Comics published characters



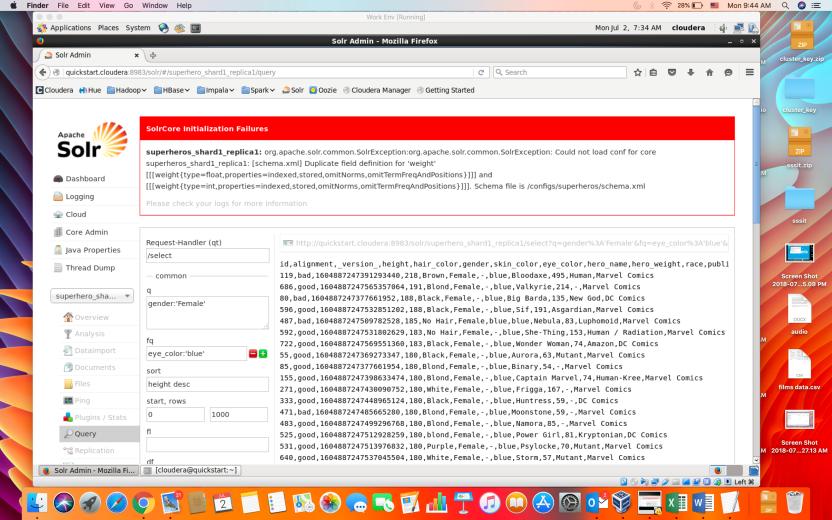


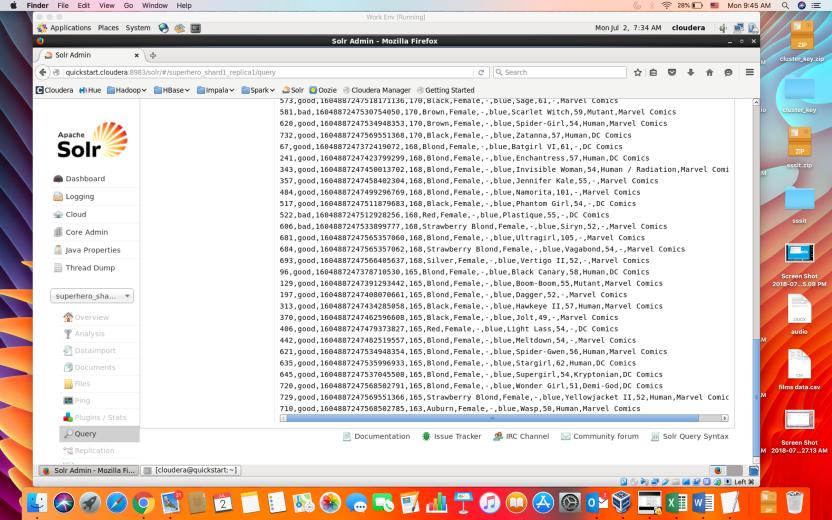
Query 4 – Filtering male superhero characters whose eye color is blue



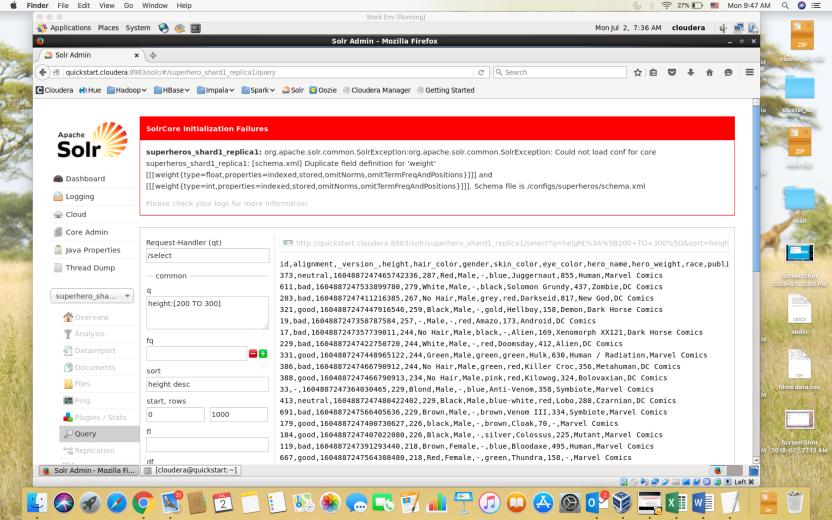


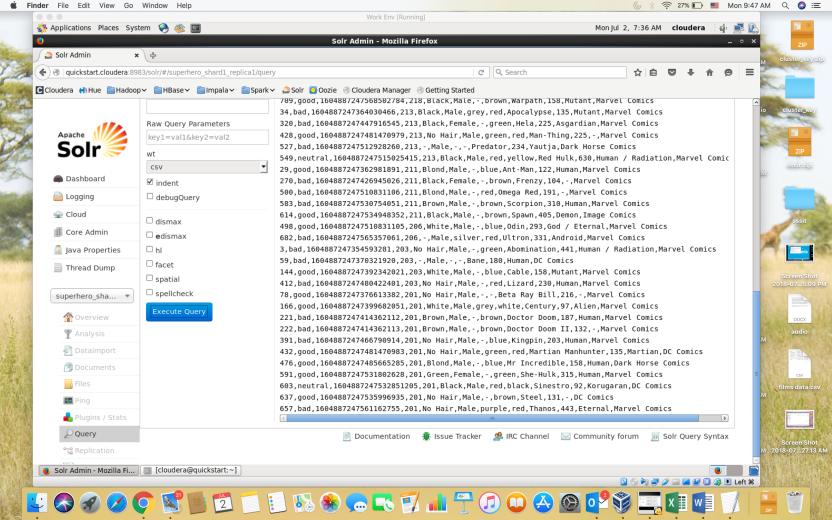
Query 5 - Filtering female superhero characters whose eye color is blue



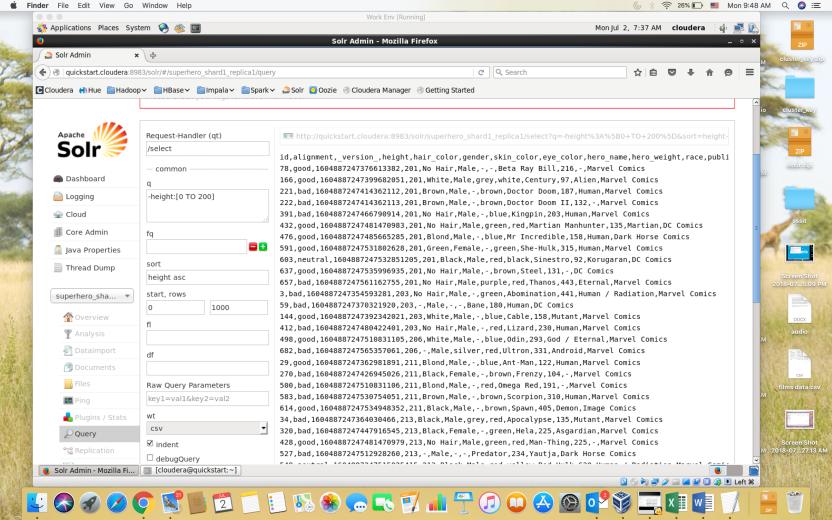


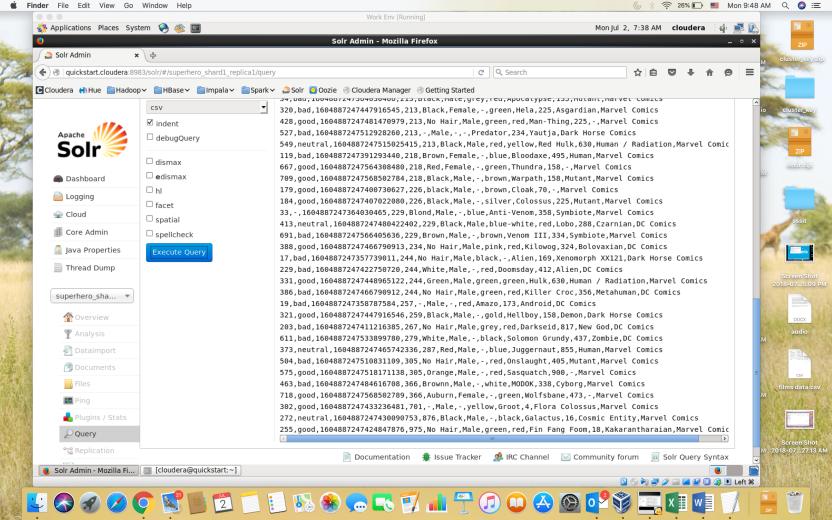
Query 6 – filter superhero characters whose height is between 200 to 300 cms and sort them with height descending.



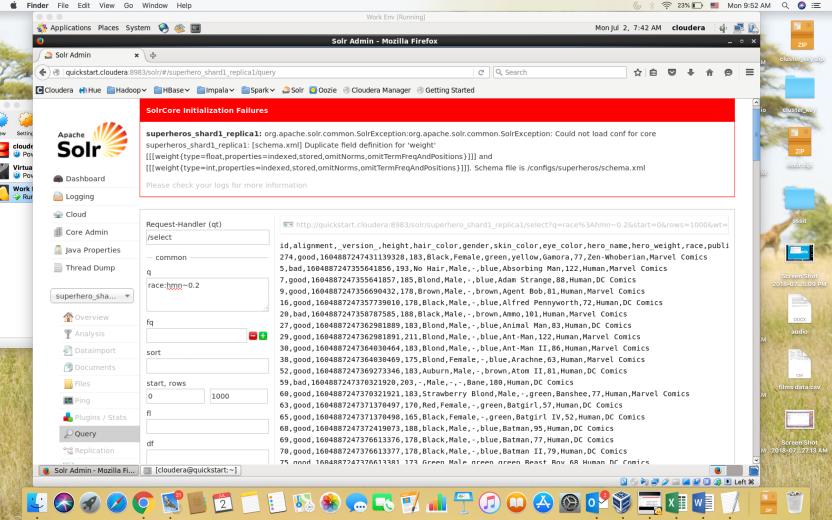


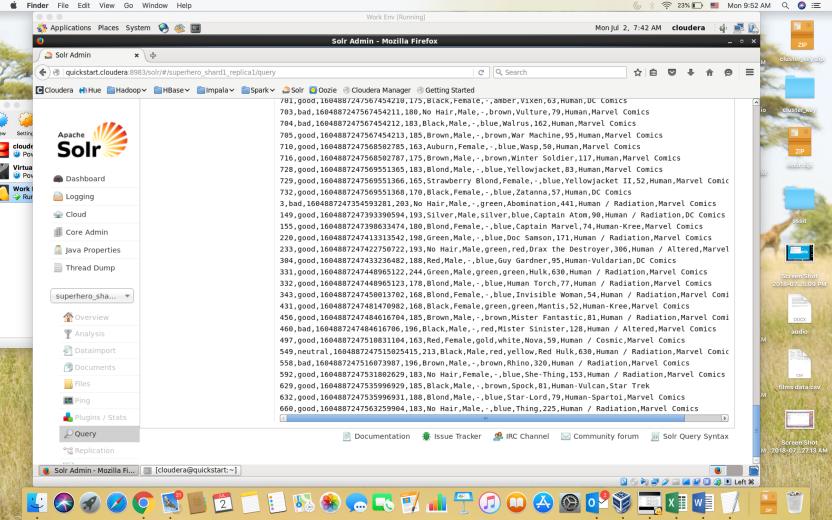
Query 7 – negative querying - filter superhero characters whose height is between 200 to 300 cms and sort them with height ascending



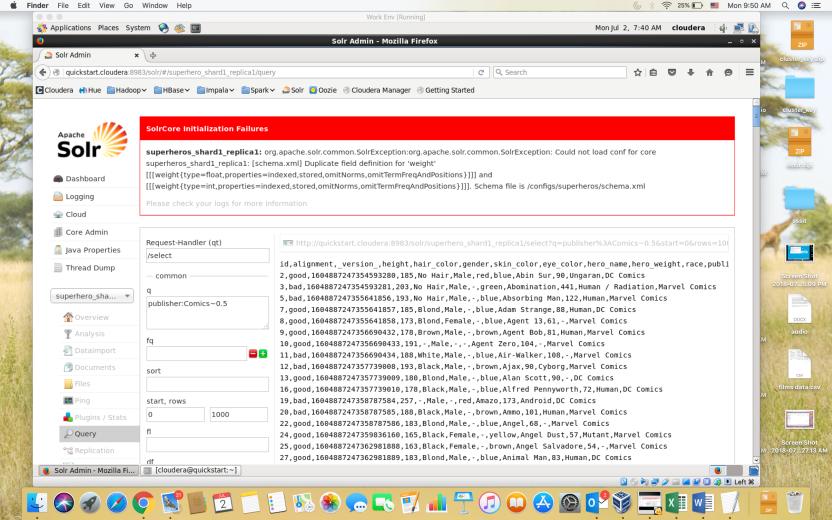


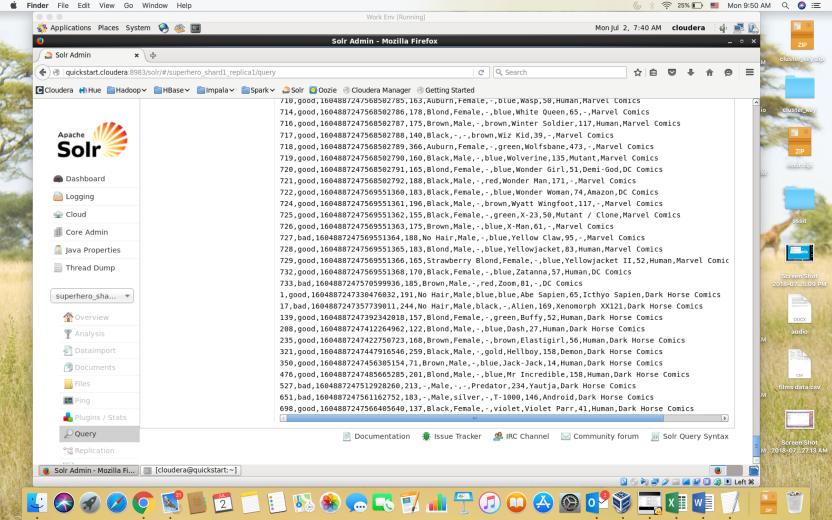
Query 8 – Fuzzy Search – race is human





Query 9 – proximity search – returns all the rows that contain comics in its publisher name





Query 10 – partial match

