**LAB ASSIGNMENT 2**

**Name:Naga Sirisha Sunkara**

**Class ID:21**

**Team ID:5**

**Technical partners details:**

**Name:Vinay Santhosham**

**Class ID:17**

Video Link: <https://youtu.be/b8tOCqfIQWY>

**Objective:**

Task1:Perform Queries on the hive table with the given dataset

Task2:Perform Queries on the solr with the given dataset

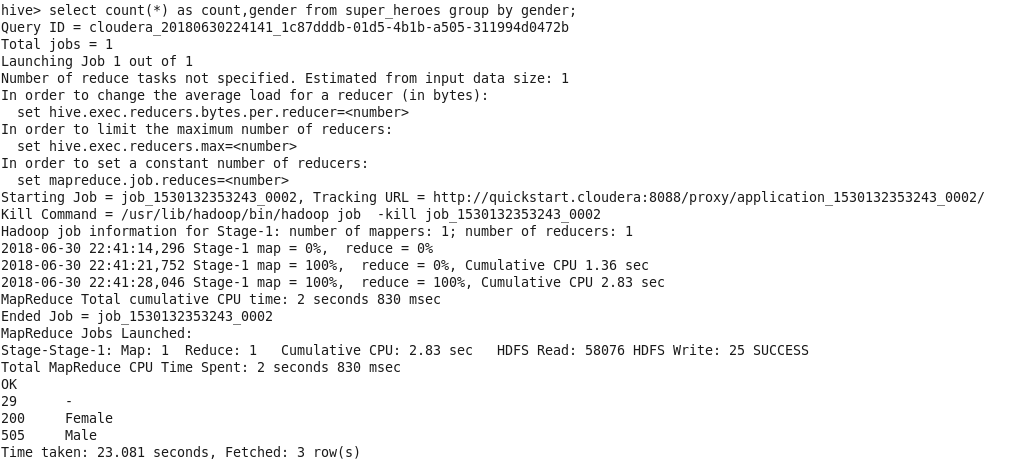
To perform the given tasks we have chosen super heroes dataset.

**Task1:**

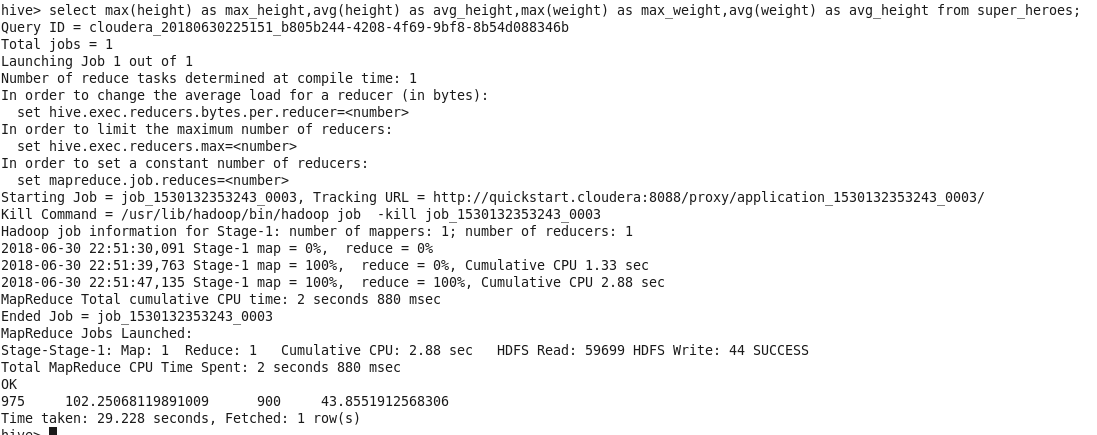
**Creation of table:**



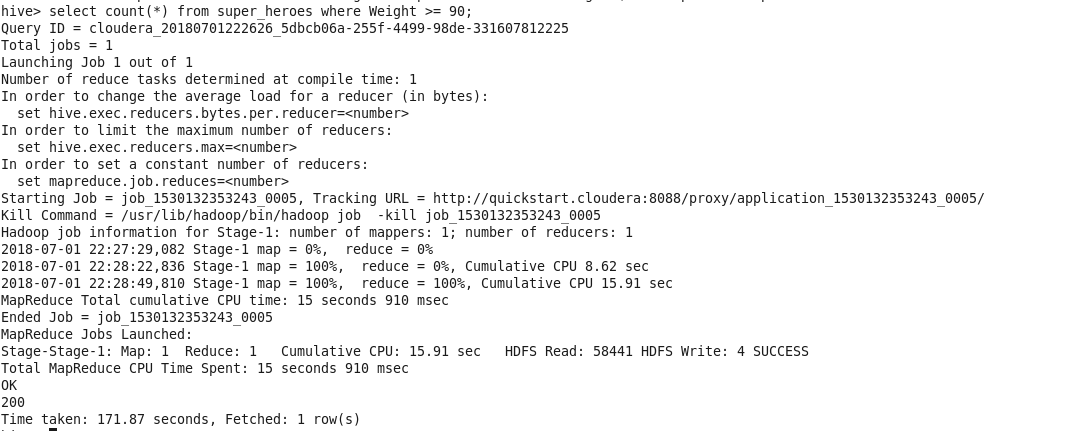
**Query1:To get the number of super heroes in each category gender**



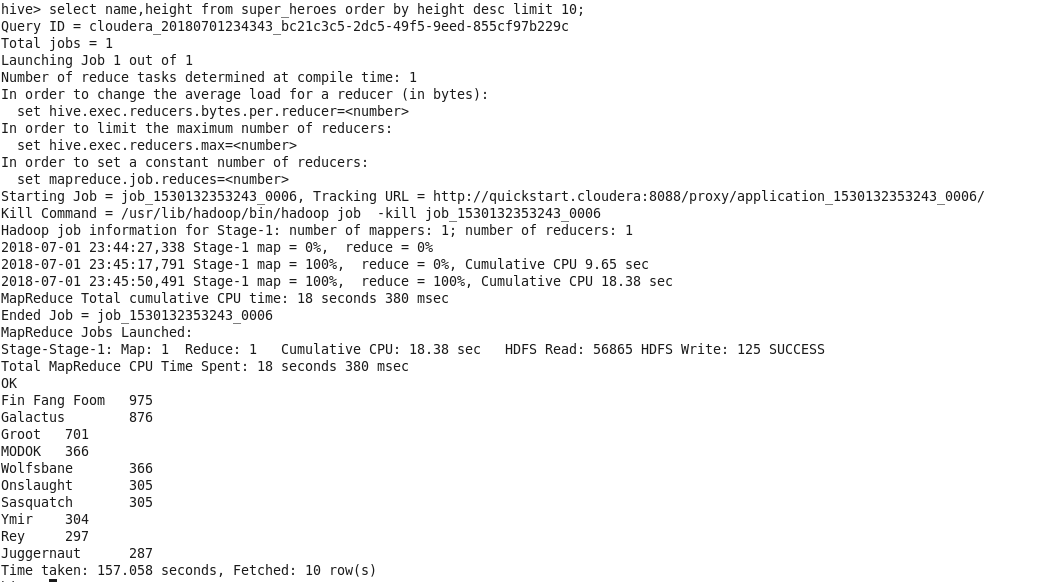
**Query2:To get the average,maximum height and weight in the given dataset**



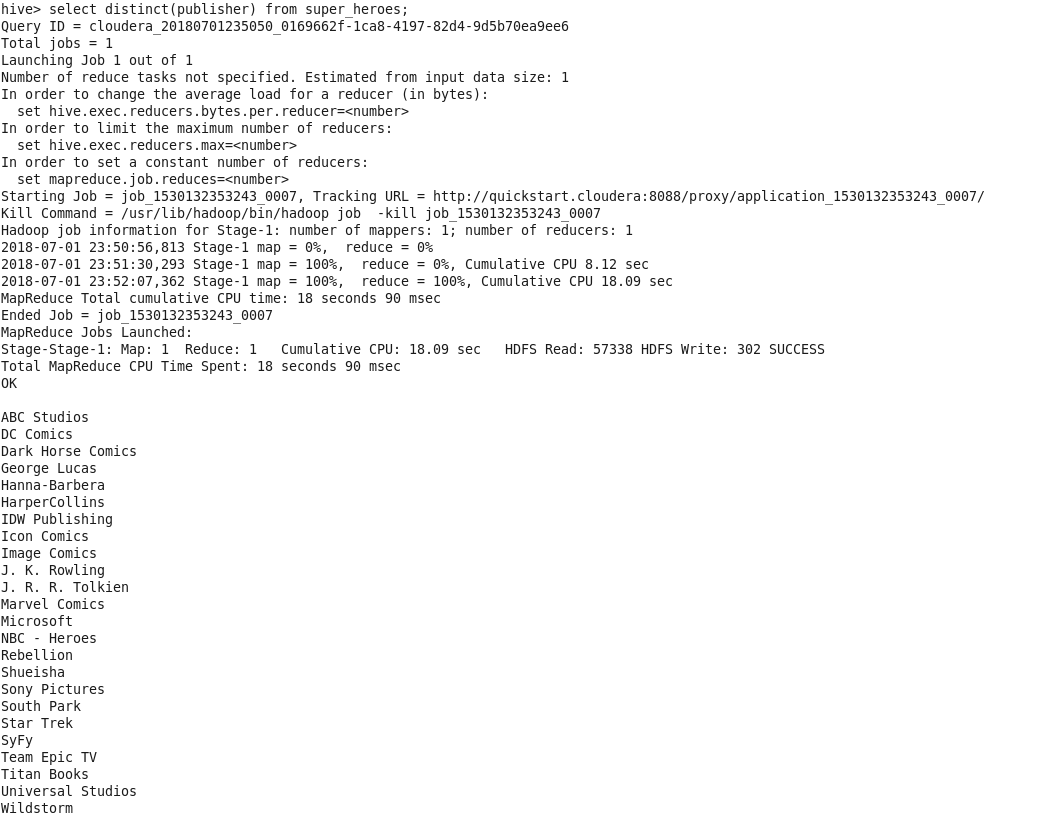
**Query3:To get the number of super heroes with the weight > 90**



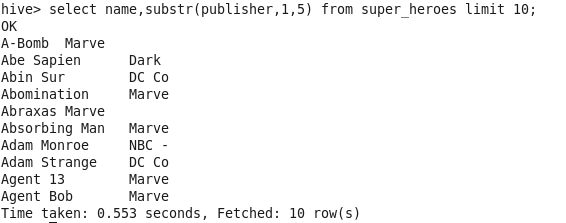
**Query4:To get the name and height of super heroes list in descending order of height**



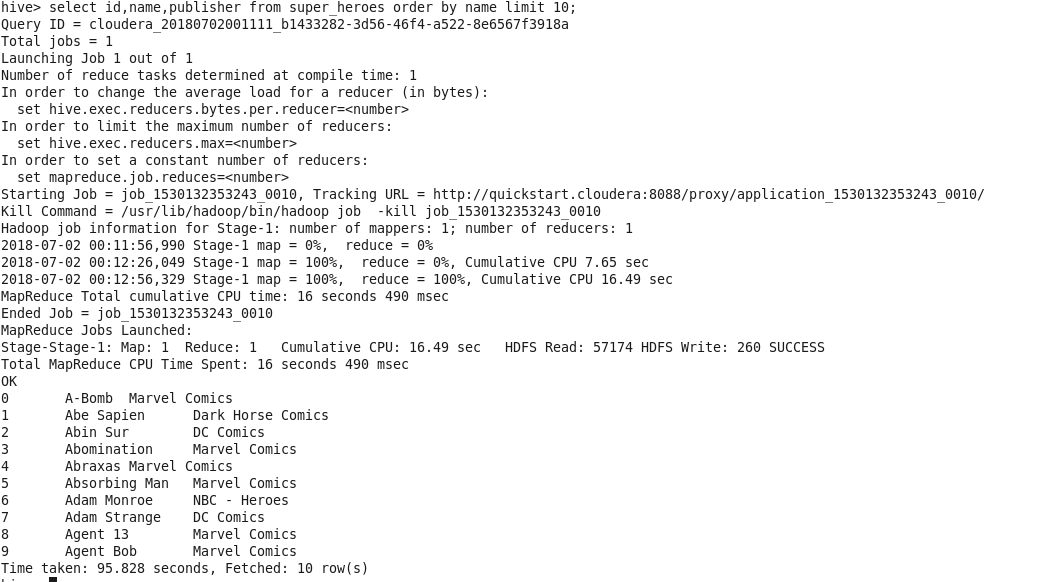
**Query5:To get the distinct publishers in super heroes dataset**



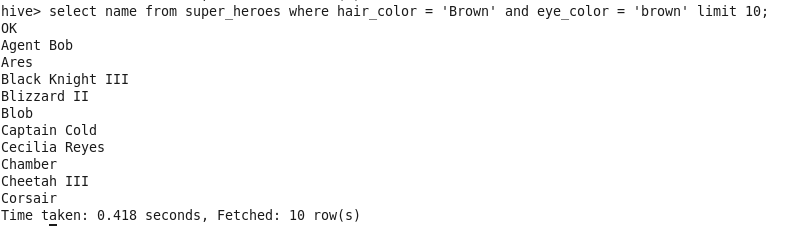
**Query6:To get the name and substring from 1 to 5 characters in publisher dataset**



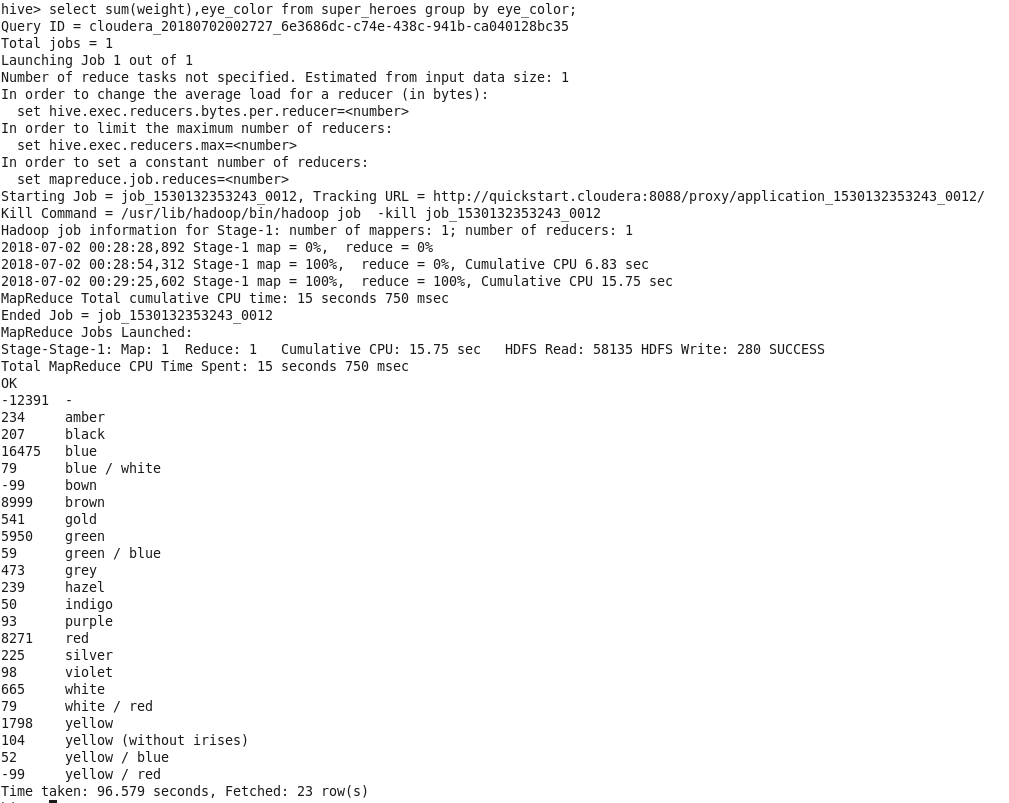
**Query7:To get the id,name,publisher in the order of name**



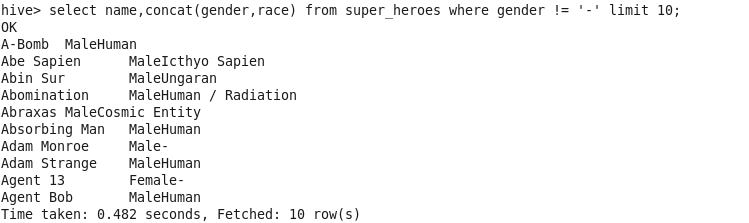
**Query8:To get the list of super heroes with both hair and eye color as brown**



**Query9:To get the sum of weights grouped by the category eye color**

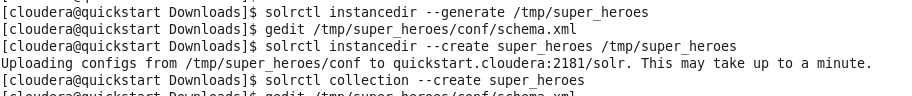


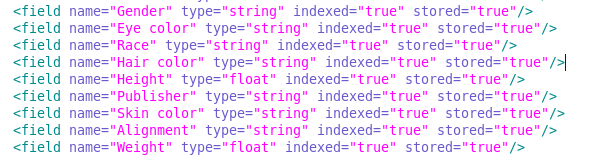
**Query10:To get the name and concatenate the gender and race in the given dataset.**

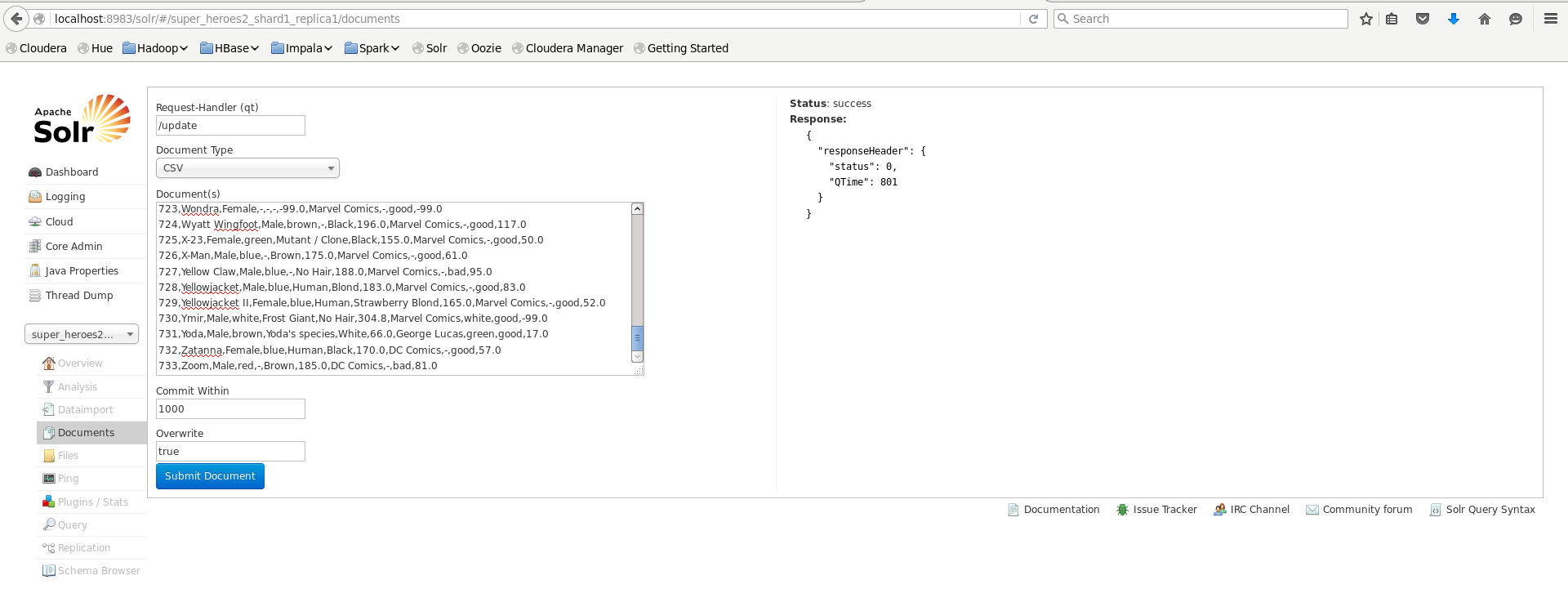


**Task 2:**

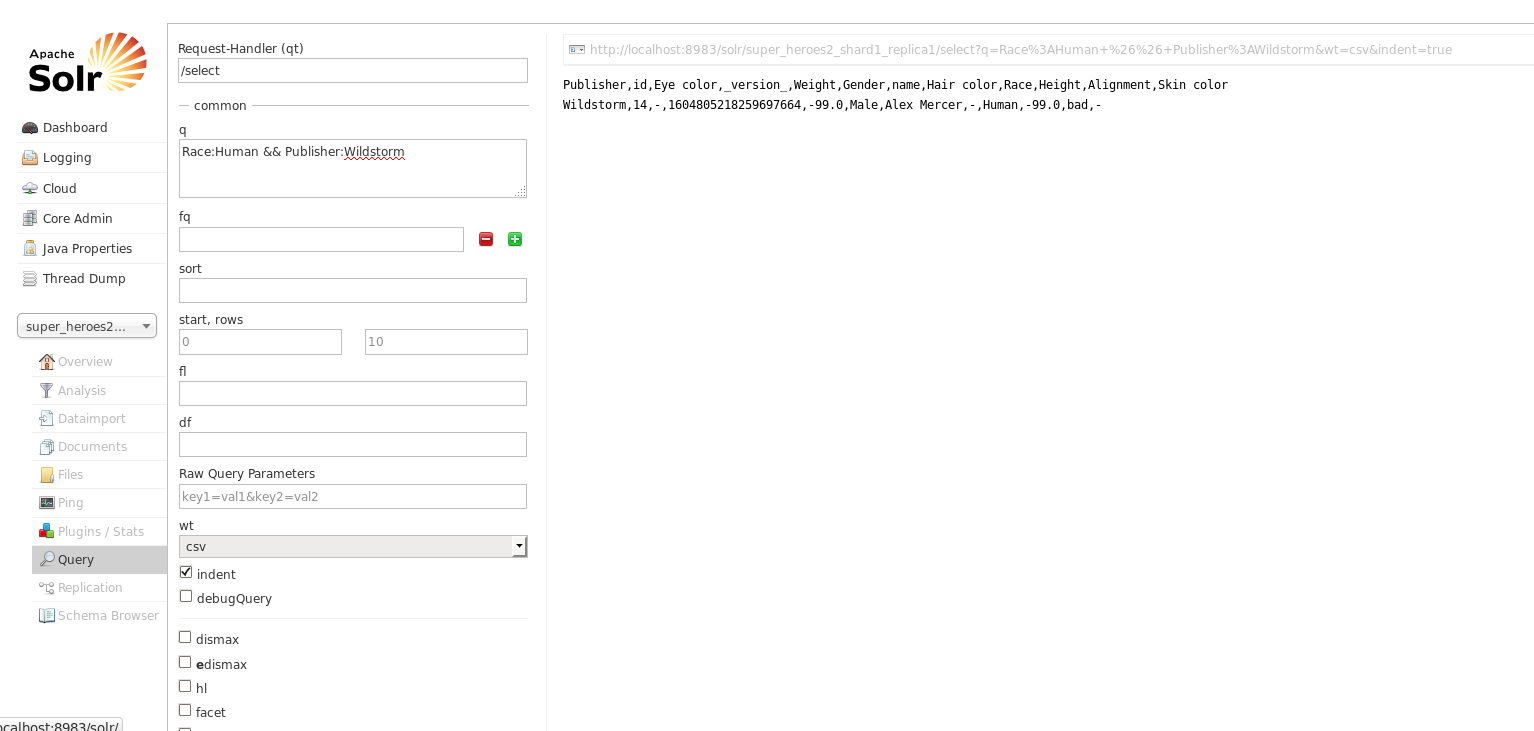
Steps to be followed before loading the dataset:



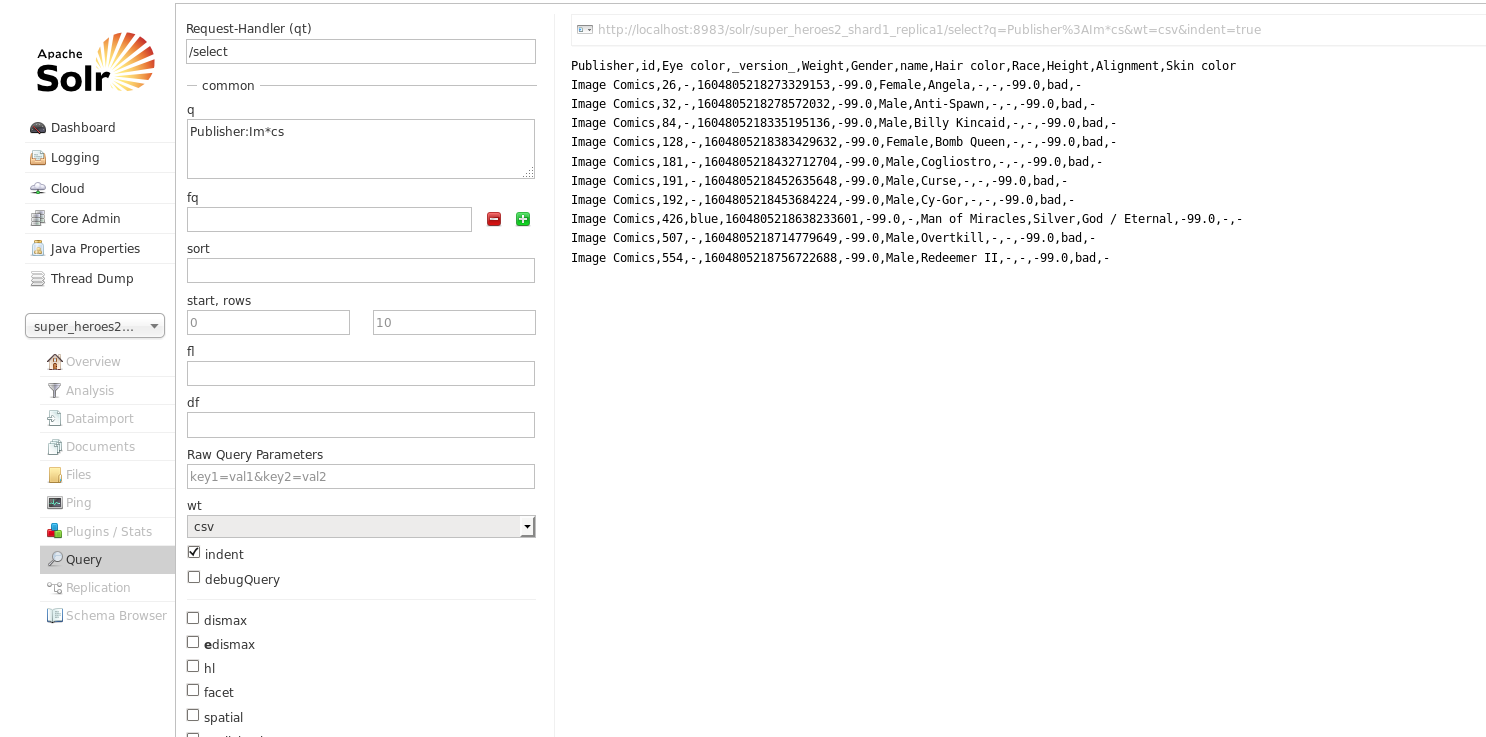




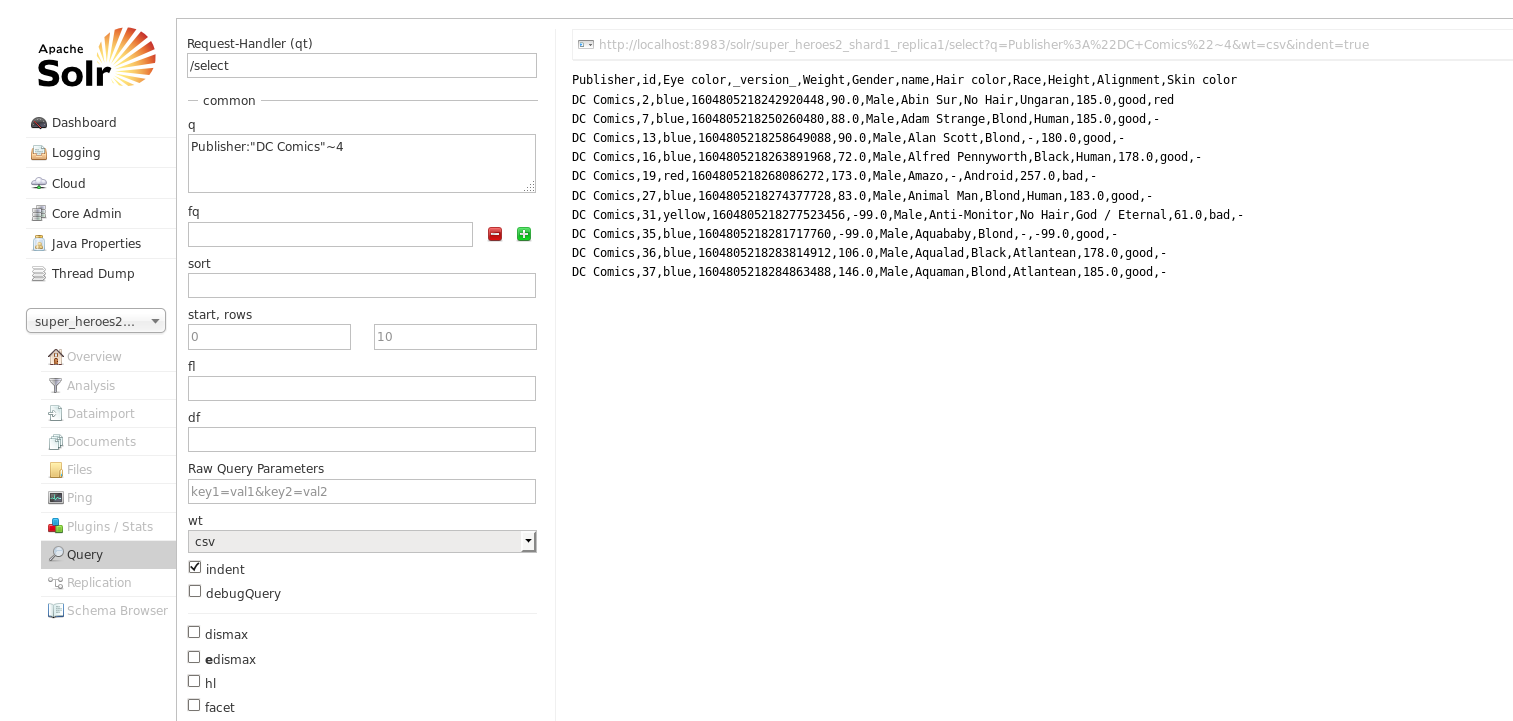
**Query1:To get the details of super heroes with race as human and publisher as wildstorm**



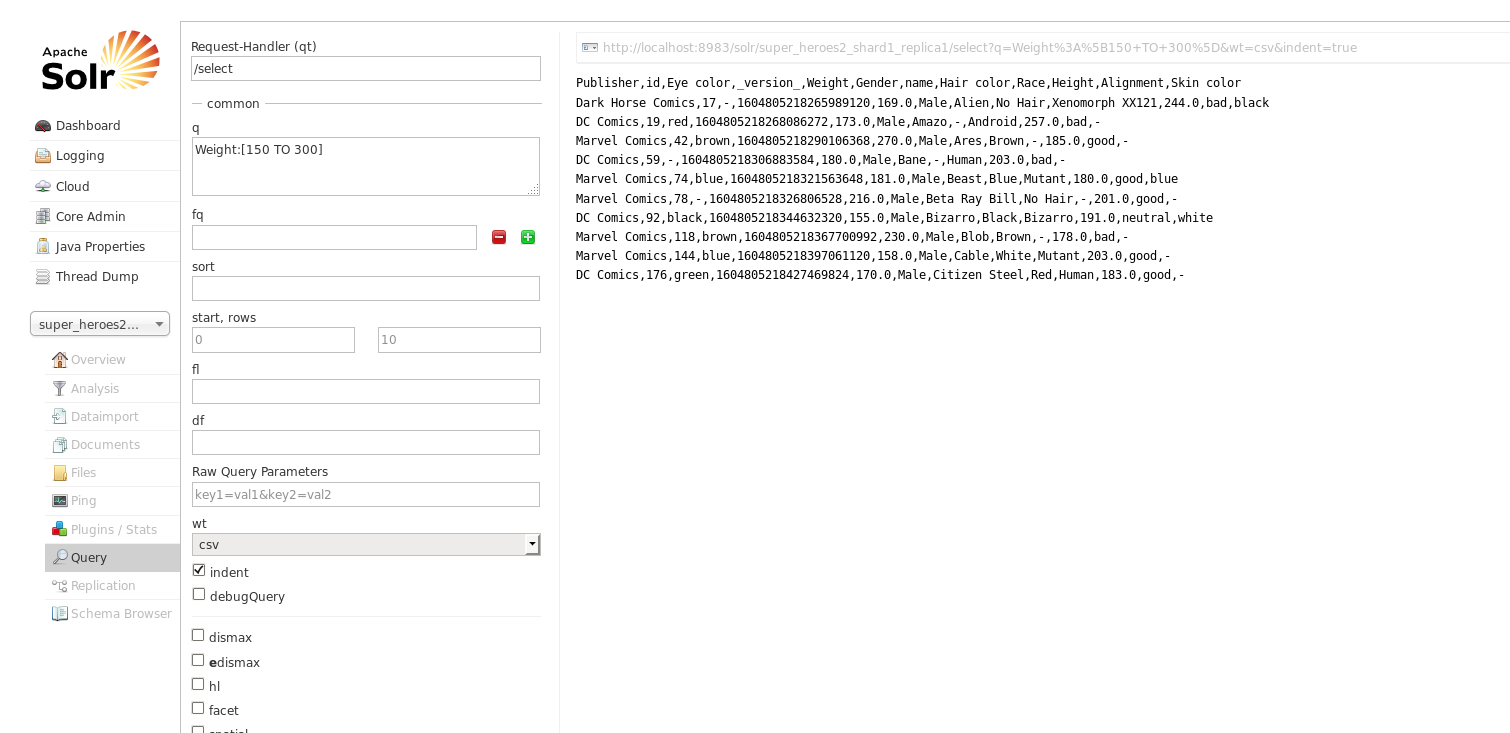
**Query2:To get the details of super heroes with publisher name starting with im and ending with cs**



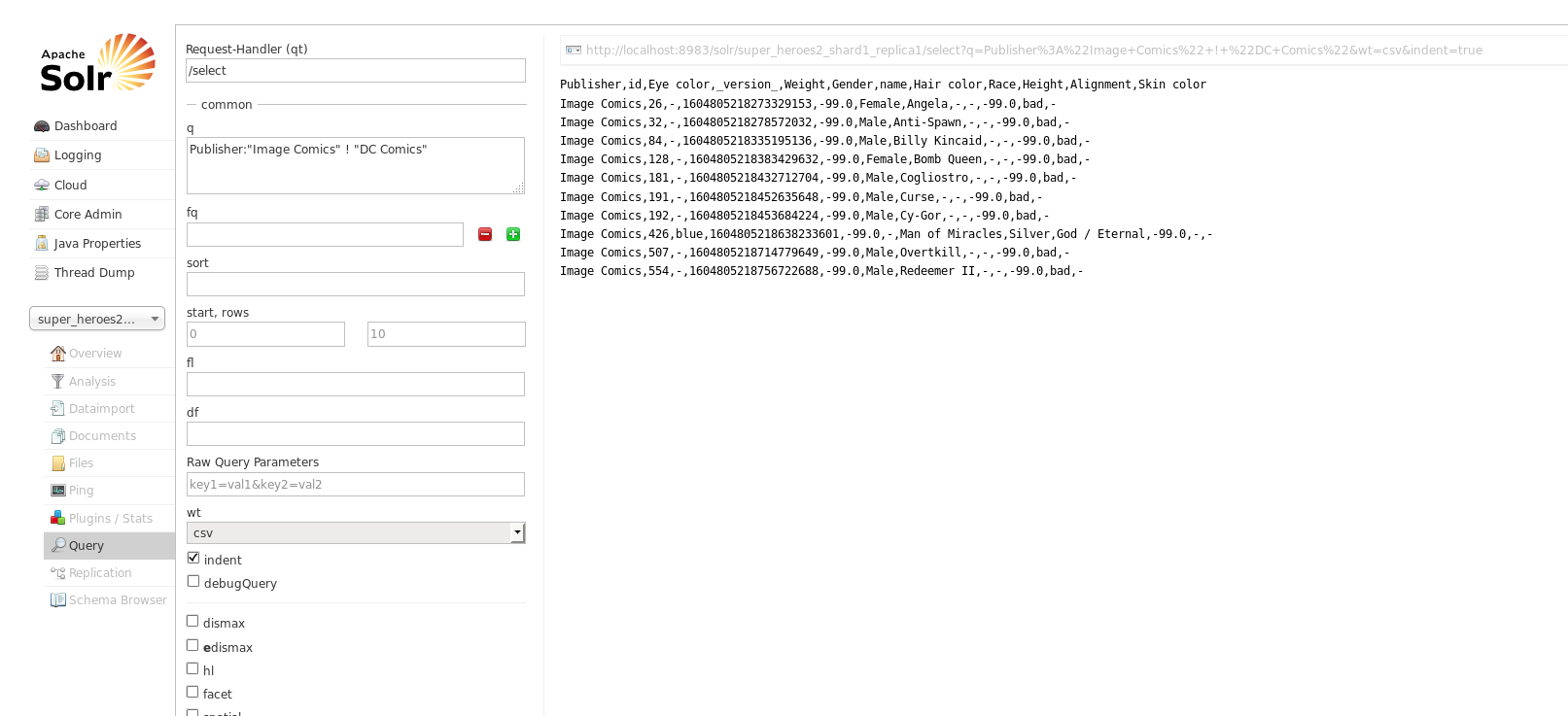
**Query3:Proximity search implementation**



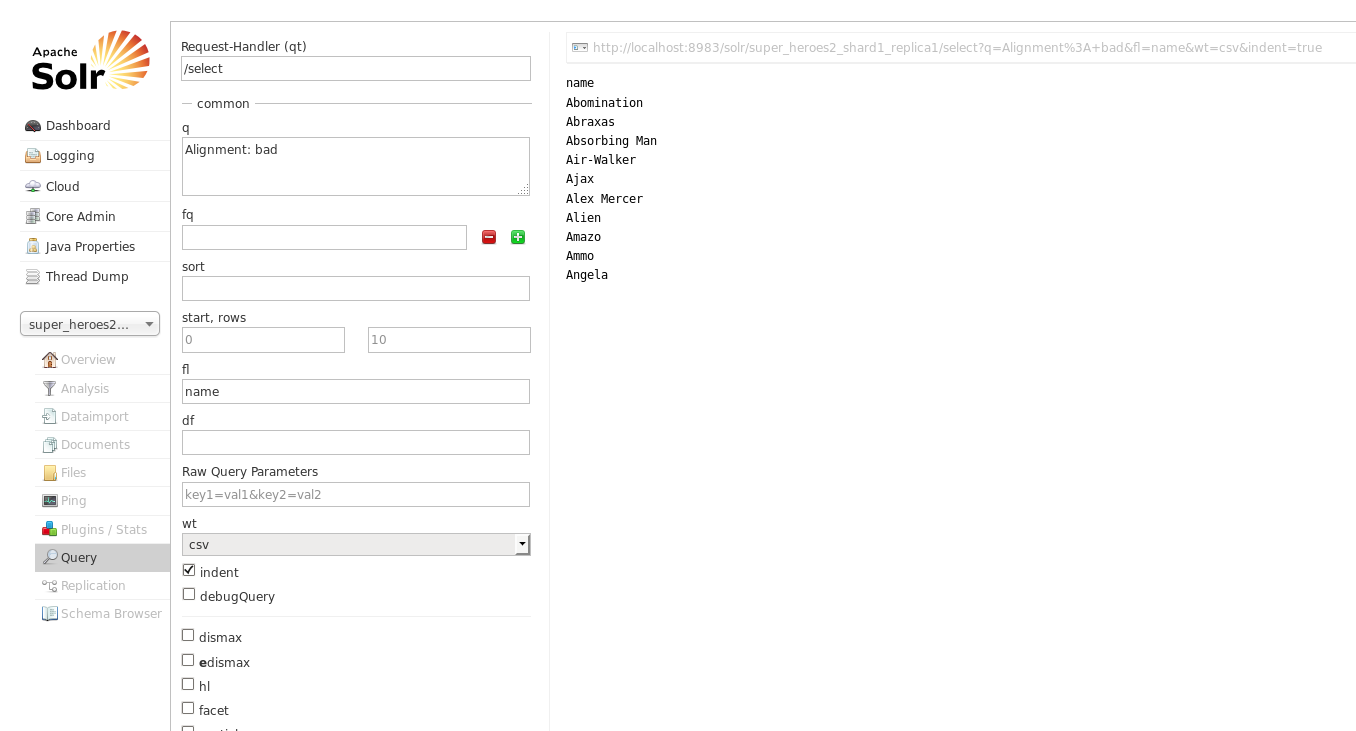
**Query4:To get the list with weight range in between 150 to 300**



**Query5:To get the list with publisher as Image Comics and not DC comics**



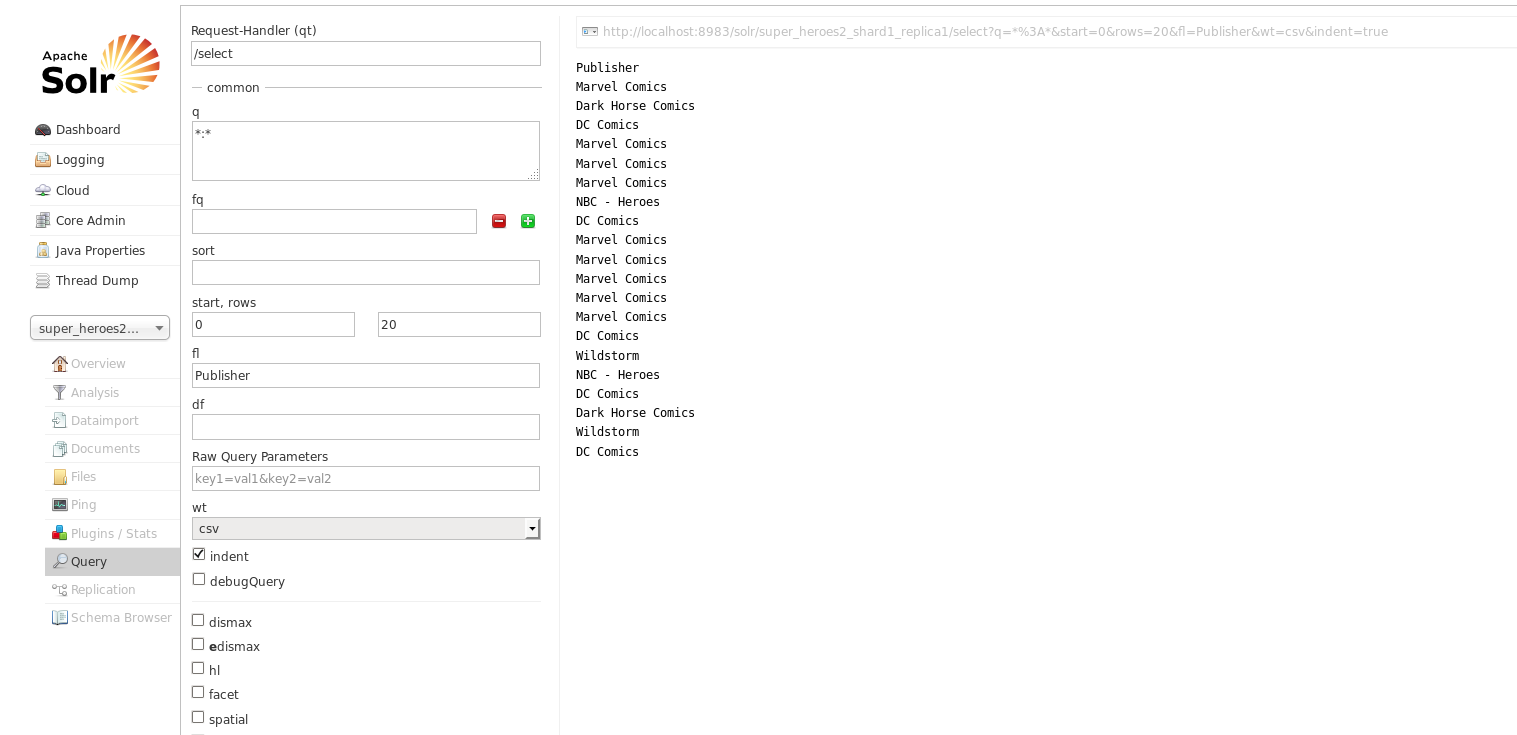
### Query6:To get the list where alignment is bad



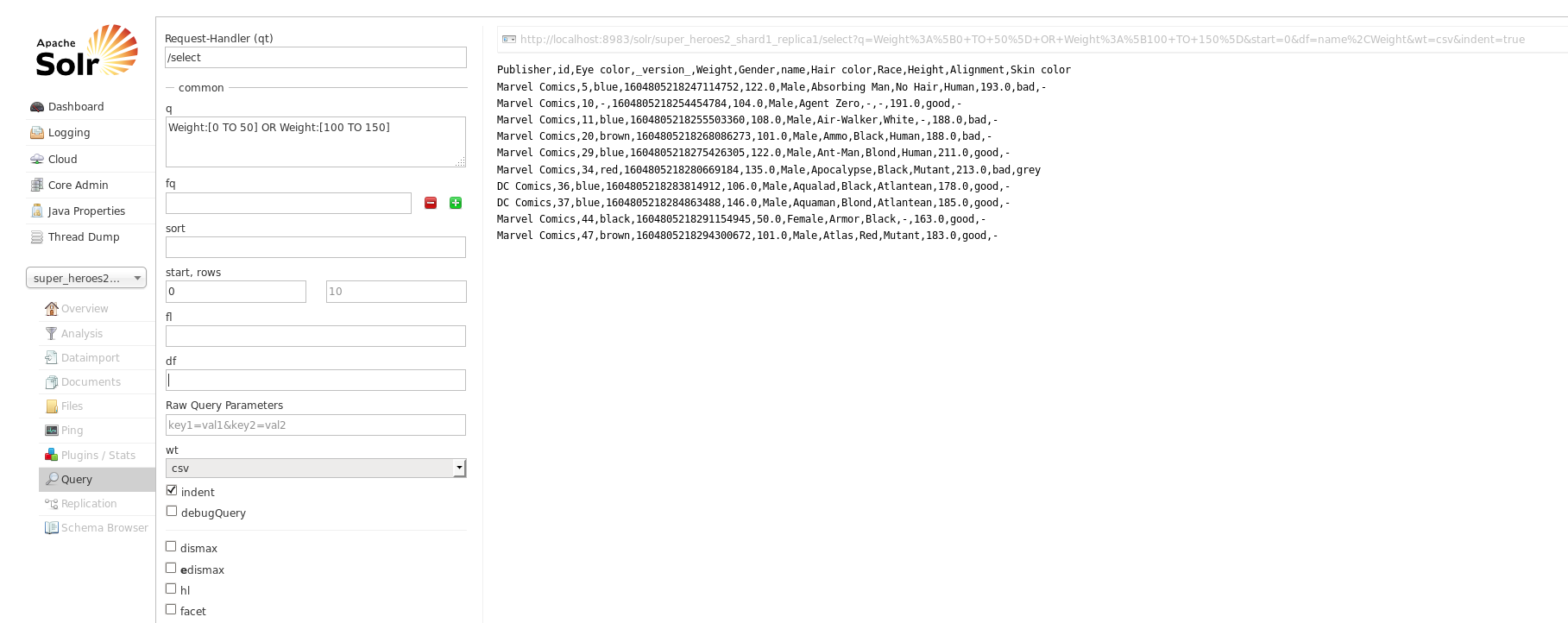
### Query7:Sorting the id in descending order



### Query8:To filter the Publisher in first 20 rows



### Query9:List of super heroes with weight from 0-50 or 100-150



### Query10:Boosting with ^

