

MongoDB Lab3

Restore inventory database

Write the following command on windows shell

mongorestore -d inventory "write folder path"

Ex: mongorestore -d inventory D:\intake39\MongoDB\Lab2\Inventory

Relations:

a- Display employees fullname and department name for all employees b- Display employees with position "VP Country Manager" (only display employee full name and salary).

c- Display customers full names and their regions.

d- In product find all products that was branded by " Washington "
(try to createIndex on brand_name and test your query speed)

Aggregate function:

a- Group products by brand name, count number and display the result as follow:

```
{
  "_id": "CDR",
  "count": 29.0
}
{
  "_id": "Fadedon",
  "count": 5.0
}
{
  "_id": "Beal go",
  "count": 2.0
}
{
  "_id": "Bananet",
  "count": 32.0
}
{
  "_id": "Booleet",
  "count": 20.0
}
```

b- Group products by brand_name and product_name ,only select brand names ("Blue Label","King","Washington") then sort them by brand_name and

product_name ascending and display result as follow

```
/* 1 */
{
  "BrandName" : "Blue Label",
  "ProductName" : "Blue Label Beef Soup"
}

/* 2 */
{
  "BrandName" : "Blue Label",
  "ProductName" : "Blue Label Canned Beets"
}

/* 3 */
{
  "BrandName" : "Blue Label",
  "ProductName" : "Blue Label Canned Peas"
}

/* 4 */
{
  "BrandName" : "Blue Label",
  "ProductName" : "Blue Label Canned String Beans"
}

/* 5 */
{
  "BrandName" : "Blue Label",
  "ProductName" : "Blue Label Canned Tomatoes"
}

{
  "BrandName" : "Blue Label",
  "ProductName" : "Blue Label Vegetable Soup"
}

/* 23 */
{
  "BrandName" : "King",
  "ProductName" : "King Baby Sunglasses"
}

/* 24 */
{
  "BrandName" : "Washington",
  "ProductName" : "Washington Apple Drink"
}

/* 25 */
{
  "BrandName" : "Washington",
  "ProductName" : "Washington Apple Juice"
}

/* 26 */
{
  "BrandName" : "Washington",
  "ProductName" : "Washington Berry Juice"
}
```

BONUS: Display maximum salary for each department (display department name and maximum salary)