

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:

```
/* 1 */
{
  "BrandName": "GDR",
  "count": 29.0
}

/* 2 */
{
  "BrandName": "Fasdon",
  "count": 25.0
}

/* 3 */
{
  "BrandName": "Mango",
  "count": 22.0
}

/* 4 */
{
  "BrandName": "Sunset",
  "count": 32.0
}

/* 5 */
{
  "BrandName": "Bluelett",
  "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"
}

// 6. /*
{
  "BrandName": "Blue Label",
  "ProductName": "Blue Label Vegetable Soup"
}

// 7. /*
{
  "BrandName": "King",
  "ProductName": "King Berry Sunglasses"
}

// 8. /*
{
  "BrandName": "Washington",
  "ProductName": "Washington Apple Drink"
}

// 9. /*
{
  "BrandName": "Washington",
  "ProductName": "Washington Apple Juice"
}

// 10. /*
{
  "BrandName": "Washington",
  "ProductName": "Washington Berry Juice"
}
```

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