# Homework-3 MongoDB MapReduce Assignment

## Part 1:

-Use mongoDB map-reduce on the example set of game data. Insert 10 different games data in the games collection.

### Code:

## **Output:**

- Write a map reduce operation that calculates the **total score** from all games for **each player**. For the output, please use your student id\_Part1 in your collection name so you don't overwrite other peoples'. The easiest way to create functions in the mongo shell, is to write the methods in a text editor and paste them in, then call them within the shell.

# **Code and Output:**

## Part 2:

Exercise 1: Upload these 2 json files to 2 different collections on your MongoDB database

## **Code and Output:**

```
---
> use patil3
switched to db ppatil3
> db.mapreduce_task1.drop()
true
> db.mapreduce_task2.drop()
true
> b. createCollection("mapreduce_task1")
{ "ok" : 1 }
> db.createCollection("mapreduce_task2")
{ "ok" : 1 }
> quit()
-sh-4, 28
-sh-4, 28 mongoimport --db ppatil3 --collection mapreduce_task1 --file /home/local/AD/ppatil3/task1.json
2020-04-07721:59:10.921-0400 connected to: localhost
2020-04-07721:59:10.973-0400 imported 5 documents
-sh-4, 28 mongoimport --db ppatil3 --collection mapreduce_task2 --file /home/local/AD/ppatil3/task2.json
2020-04-07721:59:10.970-0400 imported 27 documents
-sh-4, 28
-sh-4, 28
-sh-4, 28
-sh-4, 28
```

Exercise 2: We need to merge these 2 files. All the comments associated with a title should come from Task-2 file under one title of Task-1 file in the below format. If you notice you find only the comments from Task -2 (highlighted in RED) added to Task-1 file.

#### **Code:**

## **Output:**

```
* db.pseti3_Pert2.find().pretty()

* db.pseti3_Pert2.find().pretty()

* db.pseti3_Pert2.find().pretty()

* "value" | "comments" | "decreases a frame student visa",

* "value" | "comments" | "decreases a frame student visa",

* "comments" | "decreases a frame student visa",

/ fagg/trevaller-on-france-sarf-tudes().vivis be already and for a few documents are issued in Canada by default in English and Franch. That would save a bit of translating. \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \
```

```
".id": "Tract) So my best friend sent me this when I was depressed about my US student visa renewal rejection",

"valua": {

"comment": "Sounds like a really nice friend! Definitely a motivational text OP! Thankel"

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