Assignment No:-2(B)

Assignment Submission Date:

Subject: Laborotory Practice -I

Student Name:-

Problem Statement :

In this example we shall take school db in which students is a collection and the collection has documents where each document has name of the student, marks he/she scored in a particular subject.

We shall apply mapReduce function

1) to fnd average marks for each student.

2) To fnd total marks for each students

Following is the students collection.

db.students.fnd({});

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec39"), "name" : "Midhu", "subject" : "science", "marks" : 68 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec3a"), "name" : "Midhu", "subject" : "maths", "marks" : 98 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec3b"), "name" : "Midhu", "subject" : "sports", "marks" : 77 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec3c"), "name" : "Akhil", "subject" : "science", "marks" : 67 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec3d"), "name" : "Akhil", "subject" : "maths", "marks" : 87 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec3e"), "name" : "Akhil", "subject" : "sports", "marks" : 89 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec3f"), "name" : "Anish", "subject" : "science", "marks" : 67 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec40"), "name" : "Anish", "subject" : "maths", "marks" : 78 }

{ "_id" : ObjectId("5a1f9ce431c157f3ec2aec41"), "name" : "Anish", "subject" : "sports", "marks" : 90 }