Assignment: Map Reduce

[student@localhost ~]$ su

Password:

[root@localhost student]# systemctl start mongod

[root@localhost student]# mongo

MongoDB shell version: 2.4.6

connecting to: test

> use sshift

switched to db sshift

> db.te.insert({'id':1,'amount':20000});

> db.te.insert({'id':1,'amount':20000});

> db.te.insert({'id':2,'amount':30000})

> db.te.insert({'id':3,'amount':40000})

> db.te.insert({'id':4,'amount':20000})

> var mapfunction=function(){emit(this.id,this.amount)};

> var reducefunction=function(key,values){return Array.sum(values);};

> db.te.mapReduce(mapfunction,reducefunction,{'out':'tee'})

{

"result" : "tee",

"timeMillis" : 53,

"counts" : {

"input" : 11,

"emit" : 11,

"reduce" : 4,

"output" : 4

},

"ok" : 1,

}

> db.tee.find()

{ "\_id" : 1, "value" : 100000 }

{ "\_id" : 2, "value" : 60000 }

{ "\_id" : 3, "value" : 80000 }

{ "\_id" : 4, "value" : 40000 }