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comp> use shivani
switched to db shivani
shivani> db.createCollection('Journal');
{ ok: 1 }
shivani> db.Journal.insert({'book_id':1,'book_name':'Javacd00P','amt':500,'status':'A vailable'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dc828e0c84d07286b024') }
}
shivani> db.Journal.insert({'book_id':1,'book_name':'Java00P','amt':400,'status':'Not Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dc8f8e0c84d07286b025') }
}
shivani> db.Journal.insert({'book_id':1,'book_name':'Java','amt':300,'s tatus':'Not Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dc998e0c84d07286b026') }
}
shivani> db.Journal.insert({'book_id':2,'book_name':'Java','amt':300,'s tatus':'Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dca08e0c84d07286b027') }
}
shivani> db.Journal.insert({'book_id':2,'book_name':'OPP','amt':200,'st atus':'Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dca98e0c84d07286b028') }
}
shivani> db.Journal.insert({'book_id':2,'book_name':'C+', 'amt':200, 'status':'Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dcd48e0c84d07286b029') }
}
shivani> db.Journal.insert({'book_id':3,'book_name':'C+', 'amt':150, 'status':'Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dce58e0c84d07286b02a') }
}
shivani> db.Journal.insert({'book_id':3,'book_name':'C++', 'amt':200, 'status':'Not Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dd188e0c84d07286b02b') }
}
shivani> db.Journal.insert({'book_id':4,'book_name':'OPP C++', 'amt':300, 'status':'Not Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dd358e0c84d07286b02c') }
}
shivani> db.Journal.insert({'book_id':5,'book_name':'OPP C++', 'amt':400, 'status':'Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dd7c8e0c84d07286b02d') }
}
shivani> db.Journal.insert({'book_id':5,'book_name':'C++', 'amt':400, 'status':'Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718dd8d8e0c84d07286b02e') }
}
shivani> db.Journal.insert({'book_id':5,'book_name':'Java', 'amt':400, 'status':'Not Available'});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('6718ddb58e0c84d07286b02f') }
}
shivani> var mapfunction=function(){ emit(this.book_id,this.amt)};
shivani> var reducefunction=function(key,value){return Array.sum(value)};
shivani> db.Journal.mapReduce(mapfunction,reducefunction,{ 'out':'new'});
DeprecationWarning: Collection.mapReduce() is deprecated. Use an aggregation instead.
See https://docs.mongodb.com/manual/core/map-reduce for details.
{ result: 'new', ok: 1 }
shivani> db.Journal.mapReduce(mapfunction,reducefunction,{ 'out':'new'}).find().pretty();
TypeError: db.Journal.map ... new}).find is not a function
shivani> db.Journal.find().pretty();
[
  {
    _id: ObjectId('6718dc828e0c84d07286b024'),
    book_id: 1,
    book_name: 'Javacd00P',
    amt: 500,
    status: 'A vailable'
  },
  {
    _id: ObjectId('6718dc8f8e0c84d07286b025'),
    book_id: 1,
    book_name: 'Java00P',
    amt: 400,
    status: 'Not Available'
  }
]

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    },
    {
      _id: ObjectId('6718dc998e0c84d07286b026'),
      book_id: 1,
      book_name: 'Java',
      amt: 300,
      's tatus': 'Not Available'
    },
    {
      _id: ObjectId('6718dca08e0c84d07286b027'),
      book_id: 2,
      book_name: 'Java',
      amt: 300,
      's tatus': 'Available'
    },
    {
      _id: ObjectId('6718dca98e0c84d07286b028'),
      book_id: 2,
      book_name: 'OPP',
      amt: 200,
      'st atus': 'Available'
    },
    {
      _id: ObjectId('6718dcd48e0c84d07286b029'),
      book_id: 2,
      book_name: 'C+',
      amt: 200,
      status: 'Available'
    },
    {
      _id: ObjectId('6718dce58e0c84d07286b02a'),
      book_id: 3,
      book_name: 'C+',
      amt: 150,
      status: 'Available'
    },
    {
      _id: ObjectId('6718dd188e0c84d07286b02b'),
      book_id: 3,
      book_name: 'C++',
      amt: 200,
      status: 'Not Available'
    },
    {
      _id: ObjectId('6718dd358e0c84d07286b02c'),
      book_id: 4,
      book_name: 'OPP C++',
      amt: 300,
      status: 'Not Available'
    },
    {
      _id: ObjectId('6718dd7c8e0c84d07286b02d'),
      book_id: 5,
      book_name: 'OPP C++',

      amt: 400,
      status: 'Available'
    },
    {
      _id: ObjectId('6718dd8d8e0c84d07286b02e'),
      book_id: 5,
      book_name: 'C++',
      amt: 400,
      status: 'Available'
    },
    {
      _id: ObjectId('6718ddb58e0c84d07286b02f'),
      book_id: 5,
      book_name: 'Java',
      amt: 400,
      status: 'Not Available'
    }
  ]
}
shivani> db.new.find().pretty();
[
  { _id: 1, value: 1200 },
  { _id: 3, value: 350 },
  { _id: 4, value: 300 },
  { _id: 5, value: 1200 },
  { _id: 2, value: 700 }
]
shivani> |

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