BIG DATA ANALYSIS TEACHER'S ASSESSMENT 2

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1)Update the field's information in the MongoDB database for the CSE Department. Also use the MongoDB commands for getting the results like SQL AND / OR etc.

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[Command Prompt - mongo
db.createCollection("CSE")
    "ok" : 1 }
db.CSE.insertOne({sid:1,sfname:"Atharva",slname:"Paliwal",sroll:40,sgender:"Male"})
         "acknowledged" : true,
"insertedId" : ObjectId("61f953e3d6f9c13018d7ccaa")
db.CSE.insertOne({sid:2,sfname:"Yash",slname:"Roy",sroll:82,sgender:"Male"})
         "acknowledged" : true,
"insertedId" : ObjectId("61f95444d6f9c13018d7ccab")
db.CSE.insertOne({sid:3,sfname:"Chaitanya",slname:"Kapre",sroll:41,sgender:"Male"})
db.CSE.insertOne({sid:4,sfname:"Ritul",slname:"Deshmukh",sroll:14,sgender:"Female"})
         "acknowledged" : true,
"insertedId" : ObjectId("61f95478d6f9c13018d7ccad")
db.CSE.insertOne({sid:5,sfname:"Ketki",slname:"Fadanvis",sroll:05,sgender:"Female"})
         "acknowledged" : true,
"insertedId" : ObjectId("61f95481d6f9c13018d7ccae")
db.CSE.find( { $or: [ { sfname: "Ketki" }, { sroll: 5 } ] } )
"_id" : ObjectId("61f95481d6f9c13018d7ccae"), "sid" : 5, "sfname" : "Ketki", "slname" : "Fadanvis", "sroll" : 5, "sgender" : "Female" }
db.CSE.insertOne({sid:6,sfname: "Ketki",slname: "Deshmukh",sroll:06,sgender: "Female"})
          "acknowledged" : true,
"insertedId" : ObjectId("61f95512d6f9c13018d7ccaf")
db.CSE.find( { $or: [ { sfname: "Ketki" }, { sgender: "female" } ] } )

".id": ObjectId("61f95481d6f9613018d7ccae"), "sid": 5, "sfname": "Ketki", "slname": "Fadanvis", "sroll": 5, "sgender": "Female" }

".id": ObjectId("61f95812d6f9613018d7ccaf"), "sid": 6, "sfname": "Ketki", "slname": "Deshmukh", "sroll": 6, "sgender": "Female" }

db.CSE.find( { $and: [ { sfname: "Ketki" }, { sroll: 68 } ] }

".id": ObjectId("61f9481d6f9613018d7ccae"), "sid": 5, "sfname": "Ketki", "slname": "Fadanvis", "sroll": 5, "sgender": "Female" }
                                                "acknowledged" : true,
"insertedId" : ObjectId("61f95512d6f9c13018d7ccaf")
db.CSE.find( { $or: [ { sfname: "Ketki" }, { sgender: "female" } ] } )

"_id": ObjectId("61f95481d6f9c13018d7ccae"), "sid": 5, "sfname": "Ketki", "slname": "Fadanvis", "sroll": 5, "sgender": "Female" }

"_id": ObjectId("61f95512d6f9c13018d7ccaf"), "sid": 6, "sfname": "Ketki", "slname": "Deshmukh", "sroll": 6, "sgender": "Female" }

db.CSE.find( { $and: [ { sfname: "Ketki" }, { sroll: 05 } ] })

"_id": ObjectId("61f95481d6f9c13018d7ccae"), "sid": 5, "sfname": "Ketki", "slname": "Fadanvis", "sroll": 5, "sgender": "Female" }
```

2) Create collection for grocery store in MongoDB which consists of four documents having details of product, type, manufacturer, date of purchase, price, etc and find average price for each type of product using MongoDB Map-Reduce operation and also show the same result using MongoDB Aggregation operation.



