Aggregation - $lookup prep

db.createCollection("orders")

db.orders.insertOne({'empid':ObjectId('65fc6dd2198f1b870853d26e'),'date':Date(),'orderValue':5000})

Aggregation - $lookup – emp to orders

```
db.employees.aggregate([
  {
    $lookup: {
      from: "orders",
      localField: "_id",
      foreignField: "empid",
      as: "Orders",
    },
  },
]);
```

Aggregation - $lookup – orders to emp

```
db.orders.aggregate([

  {
   $lookup: {
     from: "employees",
     localField: "empid",
     foreignField: "_id",
     as: "employee_details",
    },
   },
   {
    $limit: 1
   }
  ])
```

Aggregation - $convert

```
db.employees.aggregate([
  {
    $project: {
      name:1,
      salaryStr:{$convert:{input:"$salary",to:"string"}}
    },
  },
]);
```

Aggregation - $out (creates ratingbydep collection)

```
db.employees.aggregate([
   {
     $project: {
       name: 1,
       department: 1,
       rating:{$convert:{input:"$rating",to:"int"}}
     },
   },
   { $group: { _id: "$department", avg: { $avg: "$rating" } } },
   {$out:"ratingByDep"}
 ]);
```