

LAB-12 : NoSQL: Joining two collections | Lookups

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Use two statement show loopup and relationship between the two tables

```
db.dept_st.find()
{"_id" : ObjectId("639ab95dc112dbb247458705"), "id" : 1, "department" : "law" }
{"_id" : ObjectId("639ab970c112dbb247458706"), "id" : 2, "department" : "data_science" }
{"_id" : ObjectId("639ab979c112dbb247458707"), "id" : 3, "department" : "data_science" }
{"_id" : ObjectId("639ab989c112dbb247458708"), "id" : 4, "department" : "law" }
{"_id" : ObjectId("639ab999c112dbb247458709"), "id" : 5, "department" : "management" }
db.teacher.find()
{"_id" : ObjectId("639abac7c112dbb24745870a"), "teacher_id" : 1112, "teacher_name" : "darvesh", "id" : 1 }
{"_id" : ObjectId("639abad7c112dbb24745870b"), "teacher_id" : 1113, "teacher_name" : "aditi", "id" : 2 }
{"_id" : ObjectId("639abaf3c112dbb24745870c"), "teacher_id" : 1114, "teacher_name" : "dashrath", "id" : 3 }
{"_id" : ObjectId("639abb03c112dbb24745870d"), "teacher_id" : 1115, "teacher_name" : "dashrath", "id" : 4 }
{"_id" : ObjectId("639abb1ac112dbb24745870e"), "teacher_id" : 1116, "teacher_name" : "dashrath", "id" : 5 }
```

```
> db.dept_st.aggregate([{$lookup: {from:"teacher",localField:"id",foreignField:"id",as:"department"}}])
{"_id" : ObjectId("639ab95dc112dbb247458705"), "id" : 1, "department" : [ { "_id" : ObjectId("639abac7c112dbb24745870a"), "teacher_id" : 1112, "teacher_name" : "darvesh", "id" : 1 } ] }
{"_id" : ObjectId("639ab970c112dbb247458706"), "id" : 2, "department" : [ { "_id" : ObjectId("639abad7c112dbb24745870b"), "teacher_id" : 1113, "teacher_name" : "aditi", "id" : 2 } ] }
{"_id" : ObjectId("639ab979c112dbb247458707"), "id" : 3, "department" : [ { "_id" : ObjectId("639abaf3c112dbb24745870c"), "teacher_id" : 1114, "teacher_name" : "dashrath", "id" : 3 } ] }
{"_id" : ObjectId("639ab989c112dbb247458708"), "id" : 4, "department" : [ { "_id" : ObjectId("639abb03c112dbb24745870d"), "teacher_id" : 1115, "teacher_name" : "dashrath", "id" : 4 } ] }
{"_id" : ObjectId("639ab999c112dbb247458709"), "id" : 5, "department" : [ { "_id" : ObjectId("639abb1ac112dbb24745870e"), "teacher_id" : 1116, "teacher_name" : "dashrath", "id" : 5 } ] }
> db.dept_st.aggregate([{$lookup: {from:"teacher",localField:"id",foreignField:"id",as:"department"}}]).pretty()
```