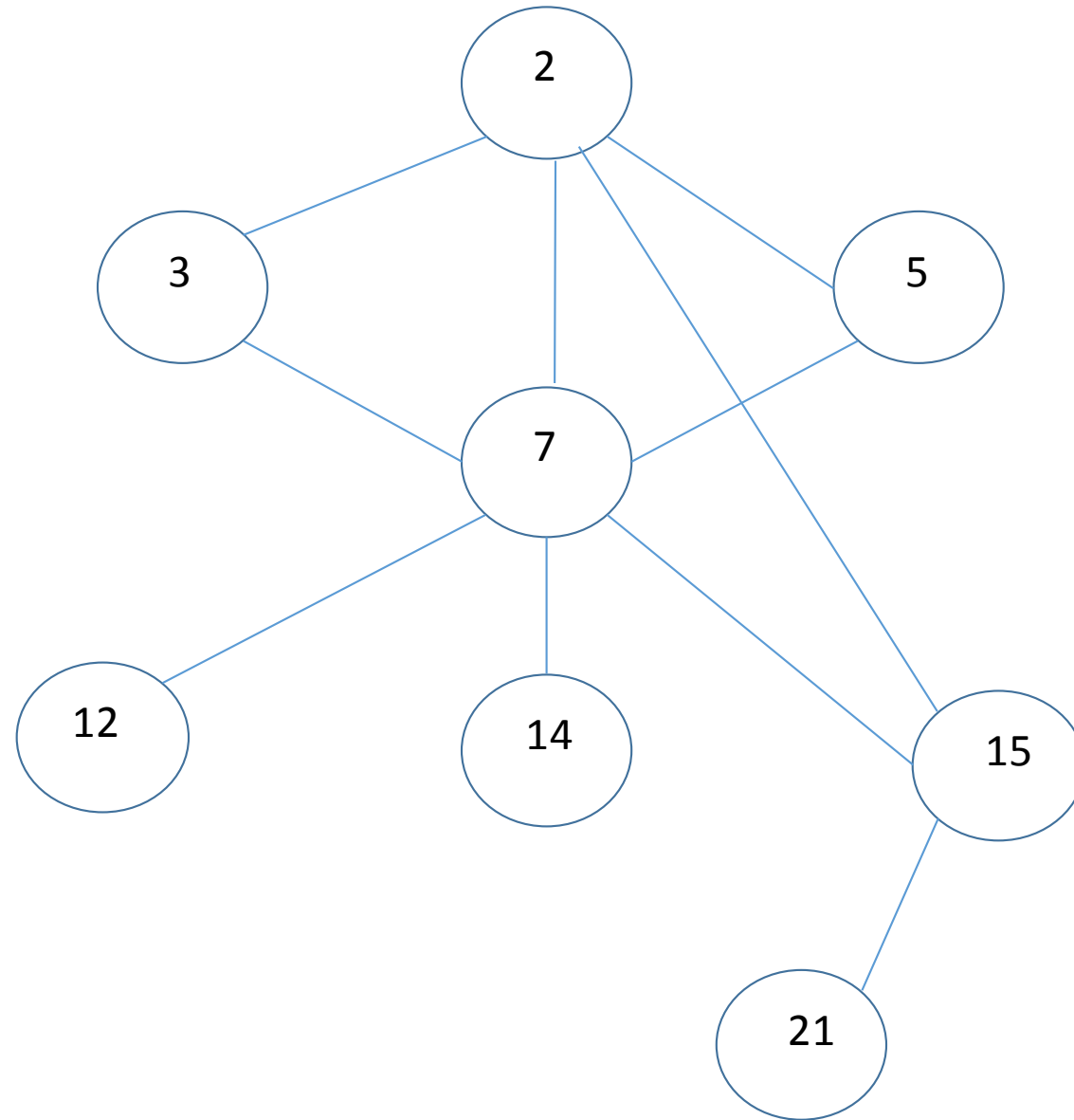


\$graphLookup (aggregation)

## Work Relationship



## Team Member with Reference to Team Lead

```
{  
  "EmpID": "2",  
  "LastName": "Fuller",  
  "FirstName": "Andrew",  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "3",  
  "LastName": "Leverling",  
  "FirstName": "Janet",  
  "Department": "IT",  
  "TeamLead": "2"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "5",  
  "LastName": "Buchanan",  
  "FirstName": "Steven",  
  "Department": "Finance",  
  "TeamLead": "2"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "7",  
  "LastName": "King",  
  "FirstName": "Robert",  
  "Department": "Finance",  
  "TeamLead": "2"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "7",  
  "LastName": "King",  
  "FirstName": "Robert",  
  "Department": "Finance",  
  "TeamLead": "3"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "7",  
  "LastName": "King",  
  "FirstName": "Robert",  
  "Department": "Finance",  
  "TeamLead": "5"  
}
```



## Team Member with Reference to Team Lead

```
{  
  "EmpID": "12",  
  "LastName": "Chang",  
  "FirstName": "Leslie",  
  "Department": "Finance",  
  "TeamLead": "7"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "14",  
  "LastName": "Ng",  
  "FirstName": "Jordan",  
  "Department": "Finance",  
  "TeamLead": "7"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "15",  
  "LastName": "Black",  
  "FirstName": "Lela",  
  "Department": "IT",  
  "TeamLead": "2"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "15",  
  "LastName": "Black",  
  "FirstName": "Lela",  
  "Department": "IT",  
  "TeamLead": "7"  
}
```

## Team Member with Reference to Team Lead

```
{  
  "EmpID": "21",  
  "LastName": "Thompson",  
  "FirstName": "Connie",  
  "Department": "IT",  
  "TeamLead": "15"  
}
```

# Retrieve Immediate Team Lead

```
$graphLookup: {  
  from: "Graph",  
  startWith: "$TeamLead",  
  connectFromField: "TeamLead",  
  connectToField: "EmpID",  
  maxDepth: 0,  
  depthField: "Level",  
  as: "ImmediateTeamLead"  
}
```

Documents

Aggregations

Explain Plan

Indexes



Enter a pipeline name...

SAVE PIPELINE



COMMENT MODE



SAMPLE MODE



AUTO PREVIEW

Unsaved changes

aggregation pipeline stages. [Learn more](#)

Department: "IT"

TeamLead: "2"

Department: "Finance"

TeamLead: "2"



\$graphLookup



Output after \$graphLookup stage (Sample of 11 documents)

```
1 /**
2  * from - The target collection.
3  * startWith - Expression to start.
4  * connectFromField - Field to connect.
5  * connectToField - Field to connect to.
6  * as - Name of the array field.
7  * maxDepth - Optional max recursion depth.
8  * depthField - Optional Name of the depth field.
9  * restrictSearchWithMatch - Optional query.
10 */
11 {
12   from: "Graph",
13   startWith: "$TeamLead",
14   connectFromField: "TeamLead",
15   connectToField: "EmpID",
16   maxDepth: 0,
17   depthField: "Level",
18   as: "ImmediateTeamLead"
19 }
```

**\_id:** ObjectId("5b7738e4fb6fc066d427902b")

EmpID: "3"

LastName: "Leverling"

FirstName: "Janet"

Department: "IT"

TeamLead: "2"

▼ ImmediateTeamLead: Array

▼ 0: Object

**\_id:** ObjectId("5c451830465c1a0758dc4dee")

EmpID: "2"

LastName: "Fuller"

FirstName: "Andrew"

Level: 0

**\_id:** ObjectId("5b773a99fb6")

EmpID: "7"

LastName: "King"

FirstName: "Robert"

Department: "Finance"

TeamLead: "2"

▼ ImmediateTeamLead: Array

▼ 0: Object

**\_id:** ObjectId("5c4518")

EmpID: "2"

LastName: "Fuller"

FirstName: "Andrew"

Level: 0