Create a Employee Collection add 5 documents:
Example:
{empno:111,ename:'Deepali Vaidya',sal:40000.00,dept:{deptno12,dname:,'Hr',dloc:'Mumbai'},
Desg:'Analyst',mgr:{name:'Satish',num:111},project:[{name:'Project1',Hrs:4},{name:'project-2',Hrs:4}]}

```
> db.emp.insert({emono:111, ename:'deepali vaidya', sal:40000.00,
dept:{deptno:12,dname:'hr',dloc:'mumbai'},
desg:'analyst',mgr:{name:'satish',num:112},project:[{name:'project1',hrs:4},{name:'project2',hrs:4}]});
> db.emp.insert({emono:113, ename:'pranav jain', sal:45000.00,
dept:{deptno:14,dname:'sales',dloc:'pune'},
desg:'analyst',mgr:{name:'satish',num:112},project:[{name:'project1',hrs:5},{name:'project2',hrs:6}]});
> db.emp.insert({emono:114, ename:'suhani sharma', sal:55000.00,
dept:{deptno:13,dname:'ml',dloc:'mumbai'},
desg:'engineer',mgr:{name:'satish',num:112},project:[{name:'project1',hrs:3},{name:'project2',hrs:5}]});
> db.emp.insert({emono:116, ename:'vinod sharma', sal:35000.00,
dept:{deptno:14,dname:'sales',dloc:'mumbai'},
desg:'clerk',mgr:{name:'manish',num:125},project:[{name:'project3',hrs:6},{name:'project2',hrs:4}]});
> db.emp.insert({emono:117, ename:'vatsalya kumar', sal:30000.00,
dept:{deptno:15,dname:'purchase',dloc:'pune'},
desg:'clerk',mgr:{name:'manish',num:125},project:[{name:'project5',hrs:6},{name:'project4',hrs:9}]});
```

1. All Employee's with the desg as 'CLERK' are now called as (AO) Administrative Officers.
Update the Employee collection for this.
```
>db.emp.update({desg:'clerk'},{$set:{desg:'administrative officer'}},{multi:true});
```

2. Change the number of hours for project-1 to 5 for all employees with designation analyst.
```
>db.emp.update({desg:'analyst','project.name':'project1'},{$set:{'project.$.hrs':5}},{multi:true});
```

3. Add 2 projects project-3 and project-4 for employee whose name starts with "Deep" with 2 hrs
```
>db.emp.update({ename:/^deep/},{$push:{project:{$each:[{name:'project3',hrs:2},{name:'project4',hrs:2}]}}},{multi:true});
```

4. Add bonus rs 2000 for all employees with salary > 50000
```
>db.emp.update({sal:{$gt:50000}},{$set:{bonus:2000}},{multi:true});
```

5. Add bonus rs 1500 if salary <50000 and > 30000

```
>db.emp.update({sal:{$lt:50000,$gt:30000}},{$set:{bonus:1500}},{multi:true});
```

6. increment bounus by 1000 for all employees if salary <=35000
```
>db.emp.update({sal:{$lte:35000}},{$inc:{bonus:1000}},{multi:true,upsert:true});
```
7. Change manager name to Tushar for all employees whose manager is currently "satish"
And manager number to 3333
```
>db.emp.update({'mgr.name':'satish'},{$set:{mgr:{name:'tushar',num:3333}}},{multi:true});
```

8. Increase salary of all employees from "purchase department" by 15000
```
>db.emp.update({'dept.dname':'purchase'},{$inc:{sal:15000}},{multi:true});
```

9. Decrease number of hrs by 2 for all employees who are working on project-2
```
>db.emp.update({'project.name':'project2'},{$inc:{'project.$.hrs':-2}},{multi:true});
```

10. Delete project-2 from all employee document if they are working on the project for 4
hrs.
```
>db.emp.update({project:{$elemMatch:{name:'project2',hrs:4}}},{$pull:{'project.$.name':'project2'
}},{multi:true});
```

11. Change the salary of employees to 10000 only if their salary is < 35000
```
>db.emp.update({sal:{$lt:35000}},{$set:{sal:10000}},{multi:true});
```

12. Increase bonus of all employees by 500 if the bonus is <2000 or their salary is <
20000 or if employee belong to sales department
cond 1: bonus:{$lt:2000}
cond 2: salary:{$lt:40000}
cond 3: 'dept.dname':'sales'
or: $or:[{bonus:{$lt:2000}},{salary:{$lt:40000}},{'dept.dname':'sales'}]
```
>db.emp.update({$or:[{bonus:{$lt:2000}},{salary:{$lt:40000}},{'dept.dname':'sales'}]},{$inc:{bonus
:500}},{multi:true}).pretty();
```

13. Add 2 new project at position 2 for all employees with designation analyst or salary is
equal to either 30000 or 33000 or 35000
cond 1: desg:'analyst'
cond 2: sal:{$in:[30000,33000,35000]}
```
>db.emp.update({$or:[{desg:'analyst'},{sal:{$in:[30000,33000,35000]}}]},{$push:{project:{$each:[
{name:'project6'},{name:'project7'}],$position:2}}},{multi:true});
```

14. Delete last project of all employees with department name is "HR" and if the location
is Mumbai
```
>db.emp.update({'dept.dname':'hr','dept.dloc':'mumbai'},{$pop:{project:1},{multi:true});
```

15. Change designation of all employees to senior programmer if they are working on
name:"Project-1" for 5 hrs

```
>db.emp.update({project:{$elemMatch:{name:'project1',hrs:5}}},{$set:{desg:'sr
programmer'}},{multi:true});
```

16. Add list of hobbies in all employees document whose manager is Satish or Manish
```
>
db.emp.update({'mgr.name':{$in:['satish','manish']}},{$set:{hobbies:{name:['dancing','swimming']}
}},{multi:true});
```

17. Add list of skillset in all employee documents who are working on project-4 for 3 hrs
or on project-3 for 4 hrs

```
>db.emp.update({project:{$in:{$elemMatch:[{name:'proejct1',hrs:5},{name:'project2',hrs:2}]}}},{$s
et:{skillset:{name:['r programming','python programming']}}},{multi:true});
```