MONGODB PROJECT

INTERMIDATE SECTION

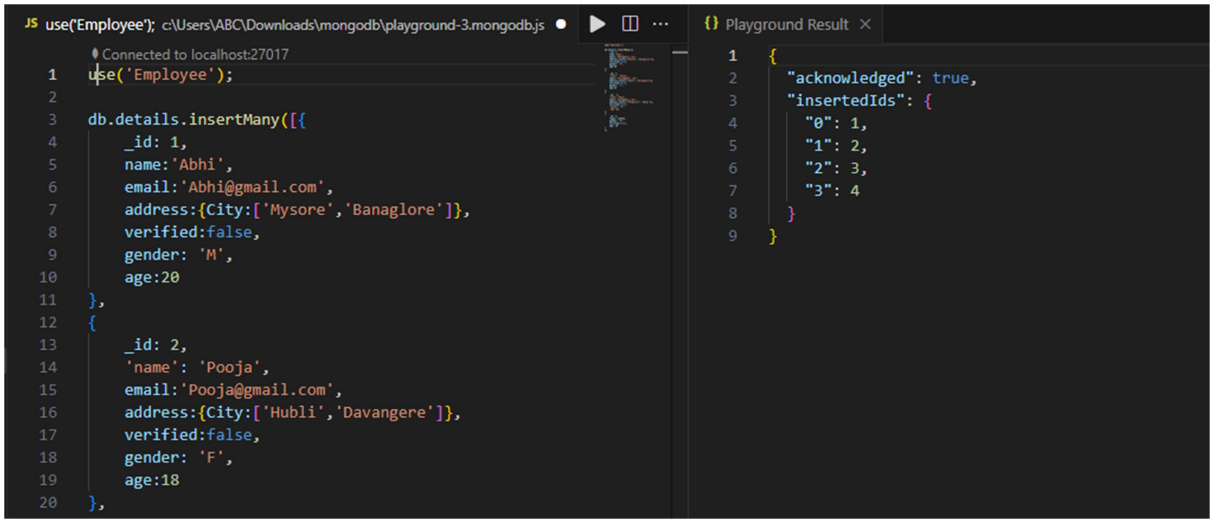
Demonstrate How to Use $Exists Operator In Document In MongoDB

dataset

_id:1,
'name': "Manasa",
age: 25,
grades: [
{ grade: "Maths", score: 80 },
{ grade: "Science", score: 85 }
]
_id: 2,
'name': "Chandrasekar",
age: 35,
grades: [
{ grade: "Maths", score: 95 },
{ grade: "Science", score: 88 }
]
_id: 3,
'name': "Deepak",
age: 30,
grades: [
{ grade: "Maths", score: 85 },
{ grade: "Science", score: 90 }
]

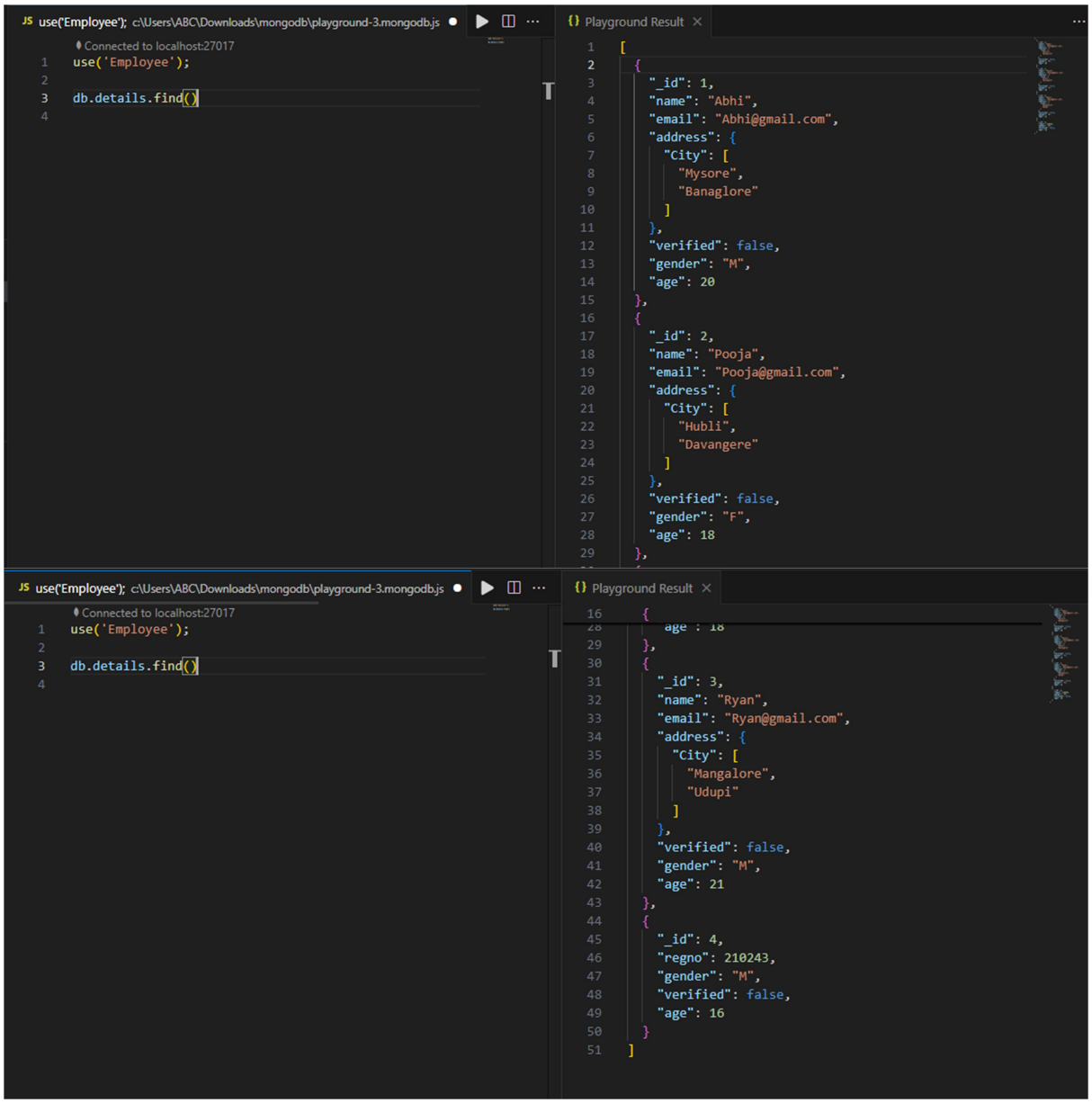
```
>use('Employee')
>db.details.insertMany([
{
   _id: 1,
   name:'Abhi',
   email:'Abhi@gmail.com',
   address:{City:['Mysore','Banaglore']},
   verified:false,
   gender: 'M',
   age:20
```

```
}
{
   _id: 2,
   'name': 'Pooja',
   email:'Pooja@gmail.com',
   address:{City:['Hubli','Davangere']},
   verified:false,
   gender: 'F',
   age:18
}
{
   _id : 3,
   'name':'Ryan',
   email:'Ryan@gmail.com',
   address:{City:['Mangalore','Udupi']},
   verified:false,
   'gender':'M',
   'age':21
}
{
   _id: 4,
   regno: 210243,
   gender: 'M',
   verified:false,
   age: 16
}
]);
```



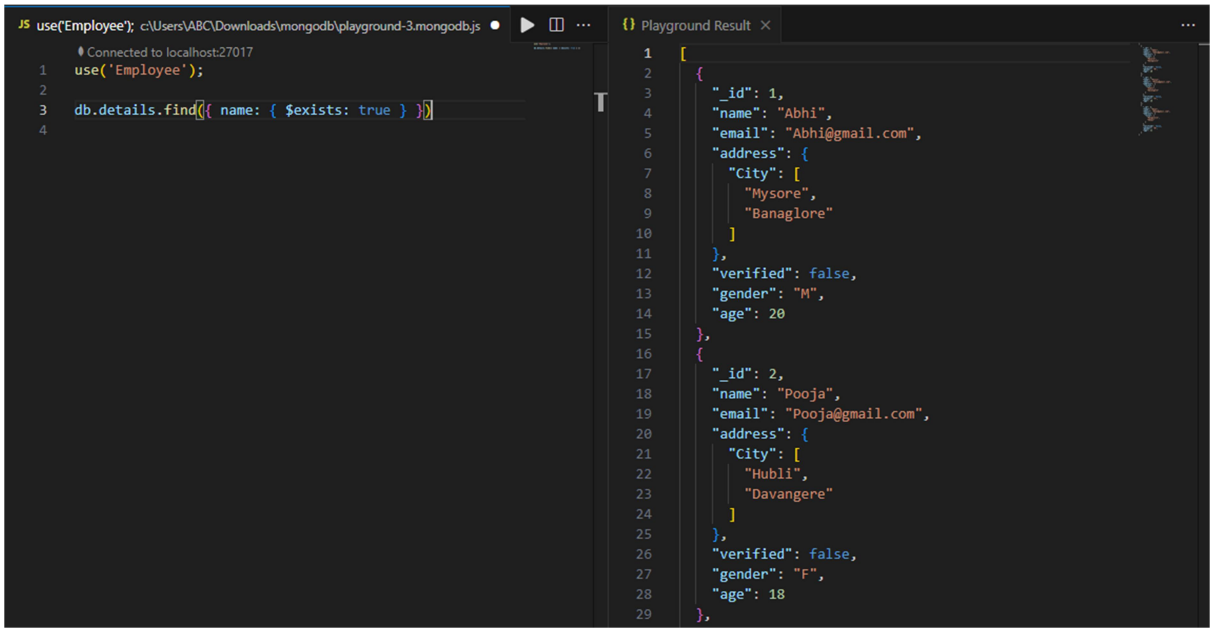
Verifying operation

>db.details.find()



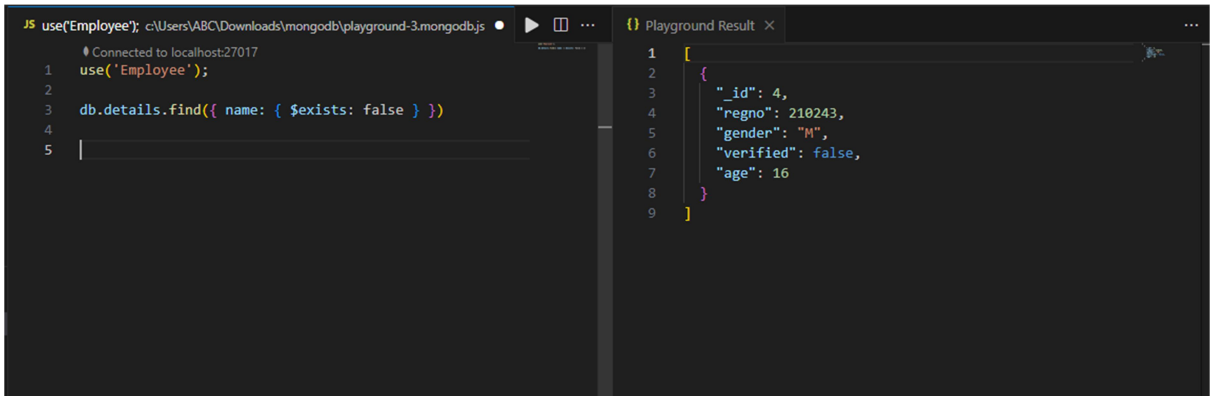
1) Demonstrate How To Use $Exist ie Check Whether Name Exists In Document Or not and if Name Field Exists In Document Then Fetches Only Those Records

>db.details.find({ name: { $exists: true } })



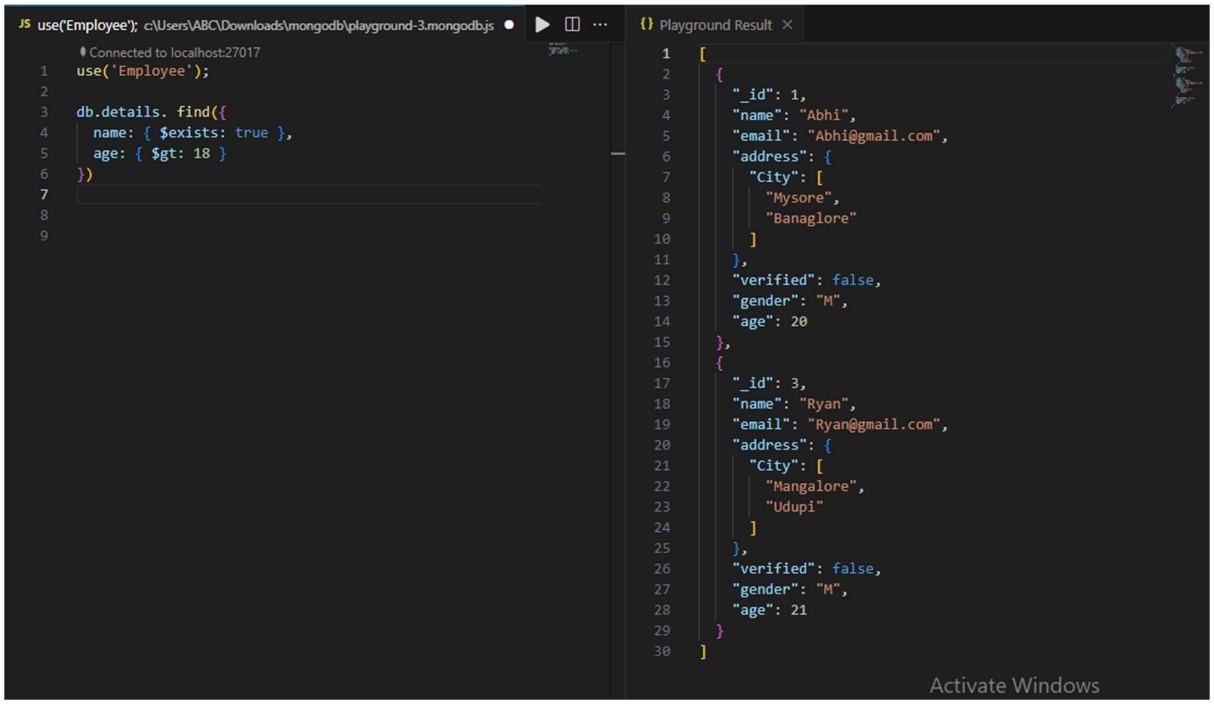
2) Demonstrate How To Use $Exist Ie Check Whether Name Does not Exists In Document ,Then Fetches Only Those Records

>db.details. find({ name: { $exists: false } })



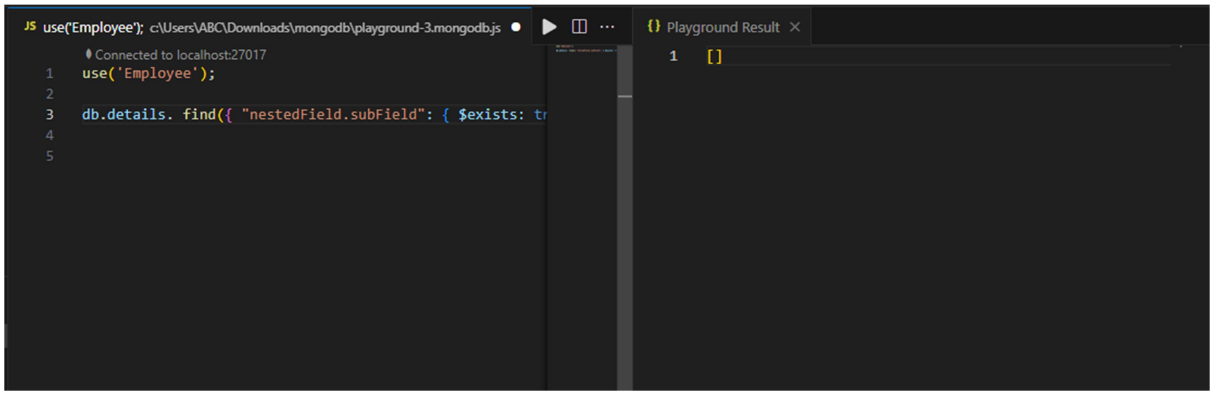
3) Demonstrate How to use $Exist To Check Whether Name Exists In Document And Age >18

>db.details. find({
name: { $exists: true },
age: { $gt: 18 }
})



4) Query to Find Documents Where a Nested Field Exists using Exist Operator

>db.details. find({ "nestedField.subField": { $exists: true } })



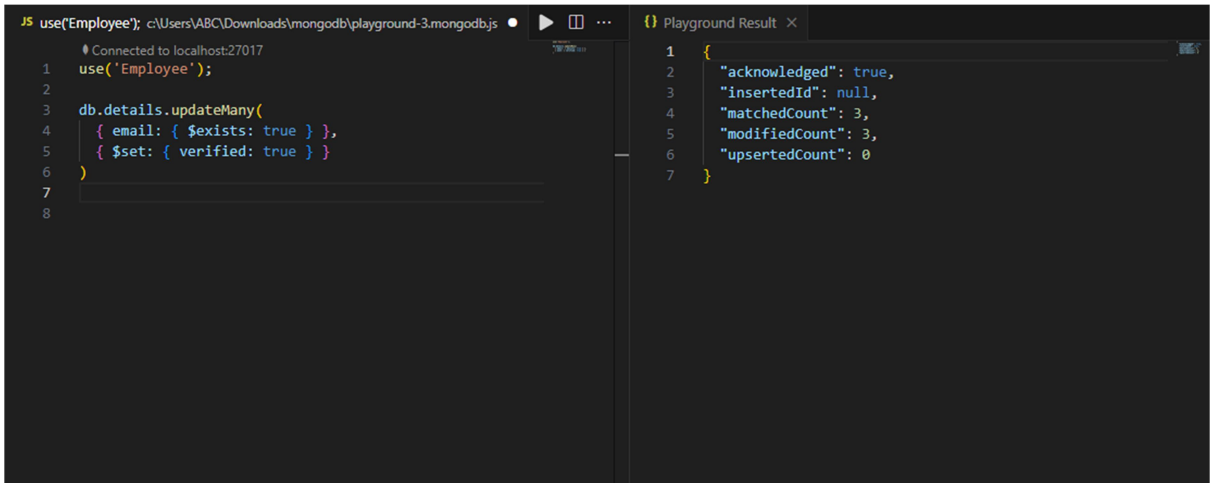
5) Query to Find Documents Where a Nested Field Exists using Exist Operator and age>=21

>db.details.updateMany(

{ email: { $exists: true } },

{ $set: { verified: true } }

)


use('Employee'); c:\Users\ABC\Downloads\mongodb\playground-3.mongodb.js
Connected to localhost:27017
use('Employee');
db.details.updateMany(
{ email: { $exists: true } },
{ $set: { verified: true } }
)
Playground Result
{
"acknowledged": true,
"insertedId": null,
"matchedCount": 3,
"modifiedCount": 3,
"upsertedCount": 0
}