

Lab-11

App.js

```
const express=require("express");
const app=express();
const mongoose = require('mongoose');
const
url="mongodb+srv://sampath1306:Saivamsi1306@cluster0.tyao0.mongodb.net/myFirstDatabase?retr
yWrites=true&w=majority";
const stu=require("./schema");
mongoose.connect(url).then(()=>console.log("Conected to DB"));
app.use(express.json())
app.post("/add-new-post",async(req,res)=>{
const name=req.body.Name;
const Rnumber=req.body.Registration_number;
const sub_marks=req.body.Marks;
try
{
const st=new stu(
{
Name:name,
Registration_number:Rnumber,
Marks:sub_marks
}
)
const savedst=await st.save()
res.json(
{"message":"Student marks are saved","data":savedst}
)
}
catch(err)
{
res.json(err);
}
})
app.use("/",(req,res)=>{
res.send("sampath")
res.json({
})
}
)
app.listen(3000,()=>console.log("Express Started"))
```

Schema.js

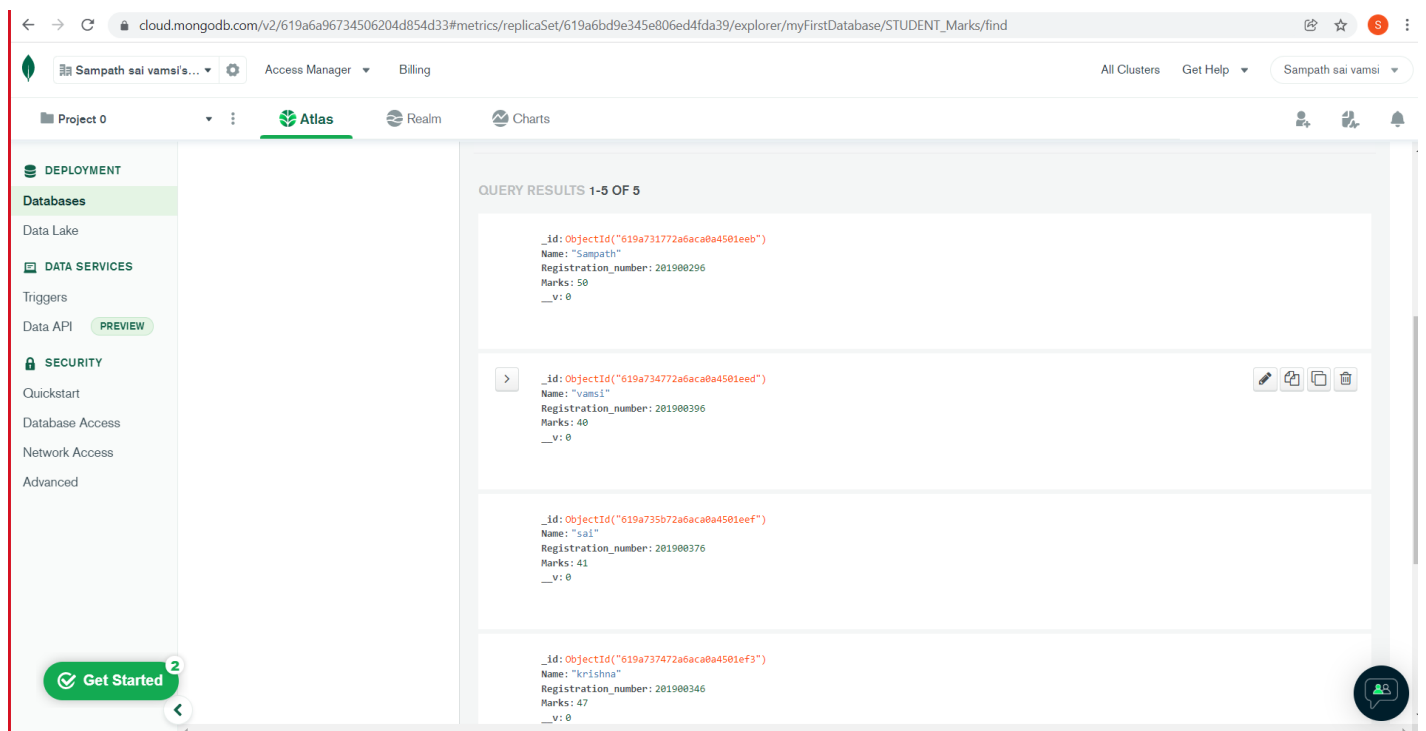
```
const mongoose=require('mongoose');
const {Schema}=mongoose;
const student=new Schema(
{
Name: String,
Registration_number: Number,
Marks: Number
});
module.exports=mongoose.model("Students",student,"STUDENT_Marks");
```

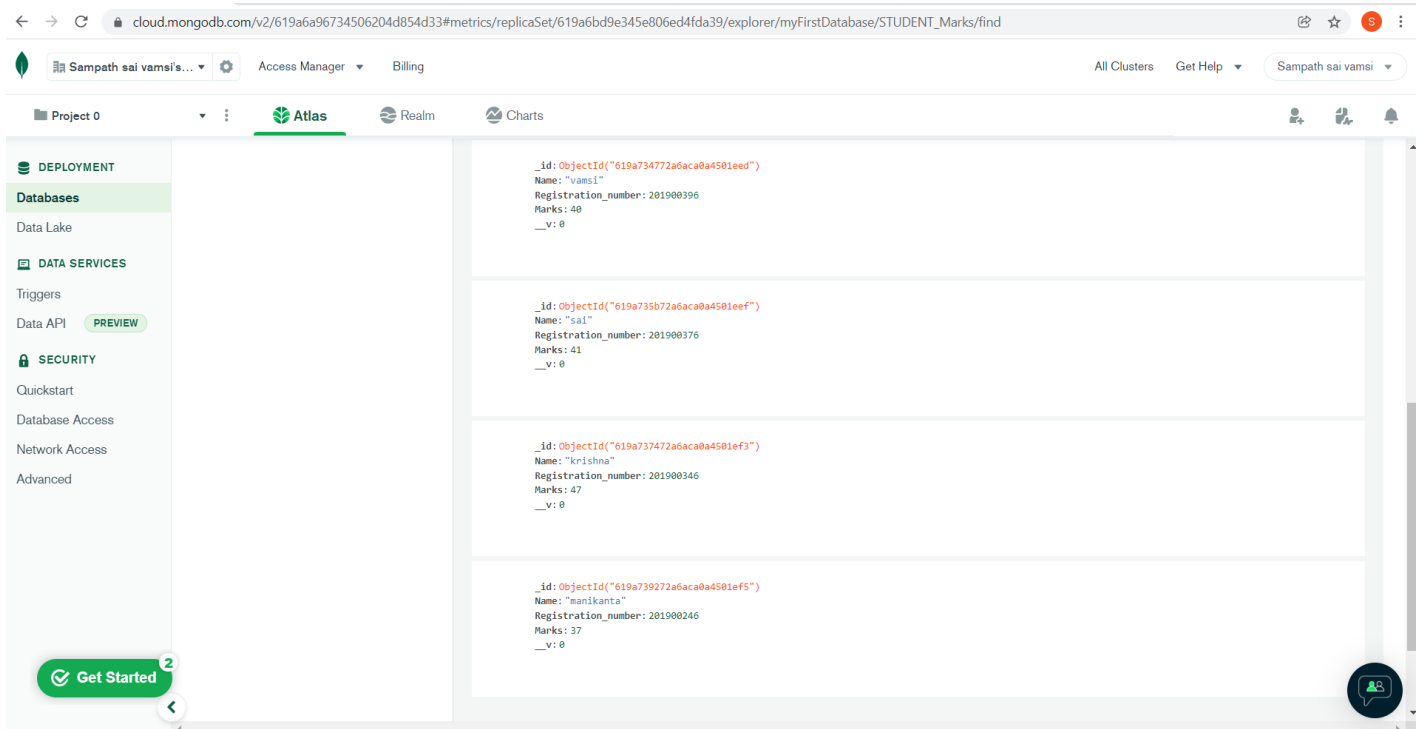
.http

POST http://localhost:3000/add-new-post
Content-Type: application/json

```
{
"Name":"manikanta",
"Registration_number":"201900246",
"Marks":"37"
}
```

Screen Shots:





The screenshot displays the MongoDB Atlas web interface. The left sidebar shows the navigation menu with sections: DEPLOYMENT, Databases, DATA SERVICES, and SECURITY. The main panel shows a list of documents in a collection. The documents are as follows:

Document ID	Name	Registration_number	Marks	__v
ObjectId("619a734772a6aca0a4501eed")	vamsi	201900396	40	0
ObjectId("619a735b72a6aca0a4501eef")	sai	201900376	41	0
ObjectId("619a737472a6aca0a4501ef3")	krishna	201900346	47	0
ObjectId("619a739272a6aca0a4501ef5")	manikanta	201900246	37	0

Git Repository Link:
<https://github.com/sampathvamsi1306/mango-db>