Assignment-3

Create an API to read data from MongoDb using node and express.

Run the commands in the respective folders in the command prompt

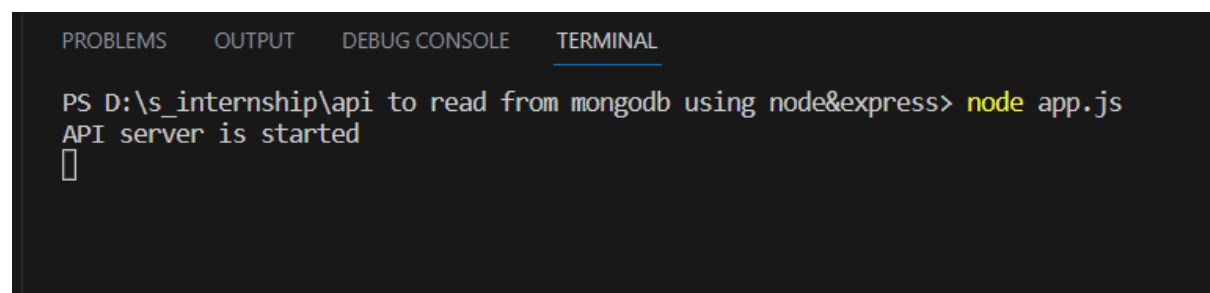npm install express –save

npm install mongodb –save

source code:

```javascript
const express=require('express');
const url=require('url')
const {MongoClient}=require('mongodb')
const mongourl='mongodb://127.0.0.1:27017'
const client=new MongoClient(mongourl);
const dbName='Ammu';
var api=express();
api.get('/',function(request,response){
    response.send('api server in online');
})
api.get('/data',async function(request,response){
    await client.connect();
    console.log("server connected");
    const db=client.db(dbName);
    const collection=db.collection('mss');
    const result=await collection.find({}).toArray();
    for(let item of result){
        console.log(item);

    }
    response.send(result);
})
api.listen(2000,function(){
    console.log('API server is started');
})
```
Output:

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

PS D:\s_internship\api to read from mongodb using node&express> node app.js
API server is started
[]
```

Now,open the postman tool app .And paste the link of the server http://127.0.0.1:2000/ and click on the send button.

http://127.0.0.1:2000/

Add to collection

| GET ∨ | http://127.0.0.1:2000/ | Send ∨ |

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 12 ms Size: 248 B Save Response ∨

Pretty Raw Preview Visualize HTML ∨

```
1    API server is online
```

Now call the "/data " handler

http://127.0.0.1:2000/data

Add to collection

| GET ∨ | http://127.0.0.1:2000/data | Send ∨ |

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 58 ms Size: 562 B Save Response ∨

Pretty Raw Preview Visualize JSON ∨

```
1   [
2       {
3           "_id": "6475d04eeb49af7b7d9d5db1",
4           "name": "msd",
5           "rollno": "476"
6       },
7       {
8           "_id": "6475d416dee336d943de461b",
9           "name": "Ammulu",
10          "rollno": "83"
11      },
12      {
13          "_id": "64784867618adb25d11f0eac",
14          "name": "pinky",
15          "rollno": "23"
16      },
17      {
18          "_id": "64784a1ef581fbaf9c472d70",
19          "name": "ammulu",
20          "rollno": "234"
21      },
```