

OUTPUT:

```

1  const express = require('express');
2  const mongoose = require('mongoose');
3  const bodyParser = require('body-parser');
4
5  const app = express();
6  const PORT = process.env.PORT || 5000;
7
8  // MongoDB connection
9  mongoose.connect('mongodb://localhost:27017/KBKdatabase', {
10    useNewUrlParser: true,
11    useUnifiedTopology: true,
12  });
13  then(() => console.log('MongoDB connected'))

```

```

PS C:\Users\Gayathri\OneDrive\Desktop\html\schemadb> node server.js
(node:7468) [MONGODB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js
Driver version 4.0.0 and will be removed in the next major version
(node:7468) [MONGODB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since
Node.js Driver version 4.0.0 and will be removed in the next major version
Server listening on port 5000
MongoDB connected

```

```

PS C:\Users\Gayathri\OneDrive\Desktop\html\schemadb> Invoke-WebRequest -Method Post -Uri 'http://localhost:5000/api/user'
-ContentType 'application/json' -Body '{"name": "Gayathri", "email": "gayathrisuargan@gmail.com", "age": 19}'

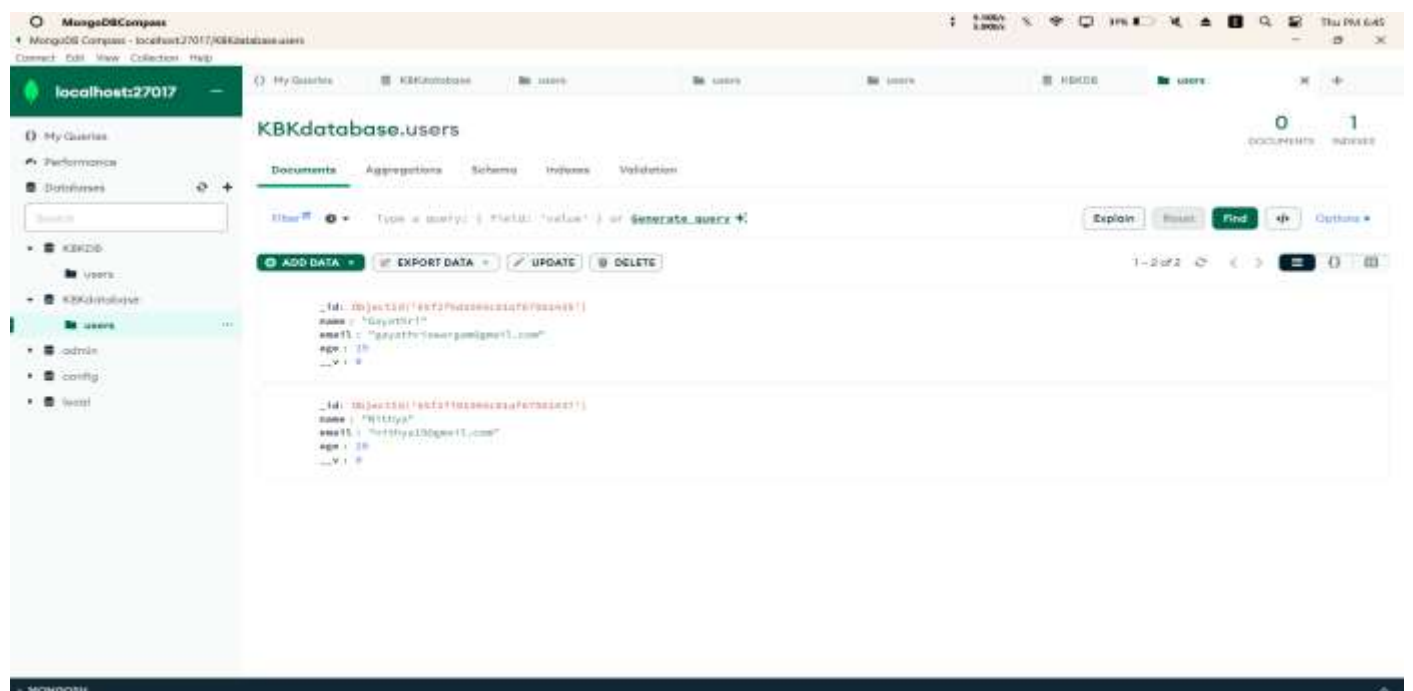
name : Gayathri
email : gayathrisuargan@gmail.com
age : 19
_id : 65f2f6da963c01af67501435
__v : 0

PS C:\Users\Gayathri\OneDrive\Desktop\html\schemadb> Invoke-WebRequest -Method Post -Uri 'http://localhost:5000/api/user'
-ContentType 'application/json' -Body '{"name": "Nithya", "email": "nithya19@gmail.com", "age": 20}'

name : Nithya
email : nithya19@gmail.com
age : 20
_id : 65f2f7019c5c01af67501437
__v : 0

PS C:\Users\Gayathri\OneDrive\Desktop\html\schemadb>

```



```

server1.js
1 const express = require('express');
2 const mongoose = require('mongoose');
3 const bodyParser = require('body-parser');
4
5 const app = express();
6 const PORT = process.env.PORT || 5000;
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```

```

name : Nithya
email : nithya19@gmail.com
age : 20
_id : 65f2f701965c01af67501437
__v : 0

```

```

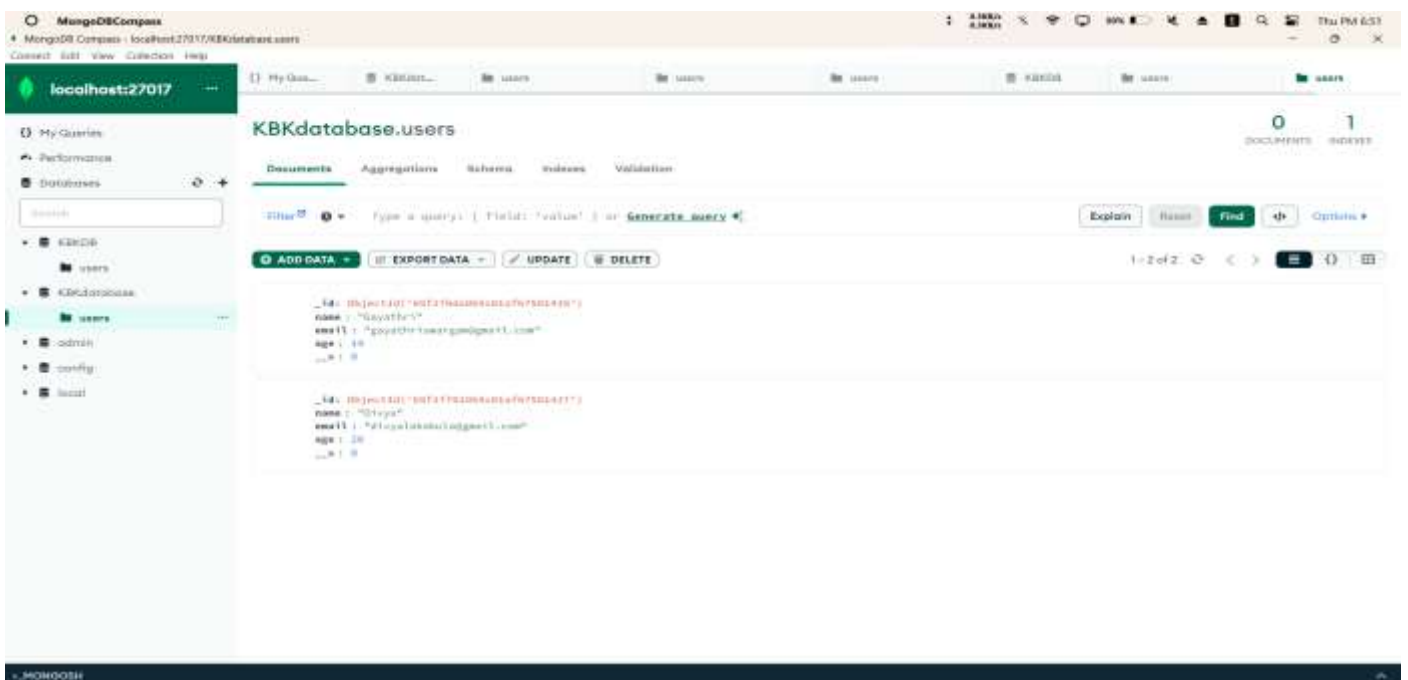
Invoke-WebRequest -Method Put -Uri "http://localhost:5000/api/users/65f2f701965c01af67501437" -ContentType "application/json" -Body '{"name": "Divya", "email": "divyalakshula@gmail.com", "age": 20}'

```

```

_id : 65f2f701965c01af67501437
name : Divya
email : divyalakshula@gmail.com
age : 20
__v : 0

```



```

server1.js
1 const express = require('express');
2 const mongoose = require('mongoose');
3 const bodyParser = require('body-parser');
4
5 const app = express();
6 const PORT = process.env.PORT || 5000;
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```

```

age : 20
__v : 0

```

```

Invoke-WebRequest -Method Get -Uri "http://localhost:5000/api/users"

```

```

_id : 65f2f6d965c01af67501435
name : Gayathri
email : gayathrisuargan@gmail.com
age : 19
__v : 0

```

```

_id : 65f2f701965c01af67501437
name : Divya
email : divyalakshula@gmail.com
age : 20
__v : 0

```

VS Code interface showing the `server.js` file. The file contains the following code:

```

1 const express = require('express');
2 const mongoose = require('mongoose');
3 const bodyParser = require('body-parser');
4
5 const app = express();
6 const PORT = process.env.PORT || 5000;
7
8 // MongoDB connection
9 mongoose.connect('mongodb://localhost:27017/KBKdatabase', {
10   useNewUrlParser: true,
11   useUnifiedTopology: true,
12 });
13 .then(() => console.log('MongoDB connected'))
14 .catch(err => console.log(err));
15
16 // Define schema
17 const userSchema = new mongoose.Schema({
18   name: String,
19   email: String,
20   age: Number,
21 });
22 const User = mongoose.model('User', userSchema);
23
24 app.use(bodyParser.json());
25 app.use(bodyParser.urlencoded({ extended: true }));
26
27 app.get('/api/users', (req, res) => {
28   User.find().then(users => res.json(users)).catch(err => console.log(err));
29 });
30
31 app.post('/api/users', (req, res) => {
32   const { name, email, age } = req.body;
33   if (!name || !email || !age) {
34     return res.status(400).json({ message: 'All fields are required' });
35   }
36   const user = new User({ name, email, age });
37   user.save().then(() => res.json(user)).catch(err => console.log(err));
38 });
39
40 app.delete('/api/users/:id', (req, res) => {
41   const { id } = req.params;
42   User.findByIdAndDelete(id).then(() => res.json({ message: 'User deleted' })).catch(err => console.log(err));
43 });
44
45 app.listen(PORT, () => console.log(`Server is running on port ${PORT}`));

```

The terminal shows the output of the REST client:

```

PS C:\Users\Gayathri\OneDrive\Desktop\html\schemadb> Invoke-WebRequest -Method Get -Uri "http://localhost:5000/api/users/65f2f6da965c81af67581435"
{
  "_id": "65f2f6da965c81af67581435",
  "name": "Divya",
  "email": "divyalakula@gmail.com",
  "age": 28,
  "__v": 0
}

```

VS Code interface showing the `server.js` file. The file contains the following code:

```

1 const express = require('express');
2 const mongoose = require('mongoose');
3 const bodyParser = require('body-parser');
4
5 const app = express();
6 const PORT = process.env.PORT || 5000;
7
8 // MongoDB connection
9 mongoose.connect('mongodb://localhost:27017/KBKdatabase', {
10   useNewUrlParser: true,
11   useUnifiedTopology: true,
12 });
13 .then(() => console.log('MongoDB connected'))
14 .catch(err => console.log(err));
15
16 // Define schema
17 const userSchema = new mongoose.Schema({
18   name: String,
19   email: String,
20   age: Number,
21 });
22 const User = mongoose.model('User', userSchema);
23
24 app.use(bodyParser.json());
25 app.use(bodyParser.urlencoded({ extended: true }));
26
27 app.get('/api/users', (req, res) => {
28   User.find().then(users => res.json(users)).catch(err => console.log(err));
29 });
30
31 app.post('/api/users', (req, res) => {
32   const { name, email, age } = req.body;
33   if (!name || !email || !age) {
34     return res.status(400).json({ message: 'All fields are required' });
35   }
36   const user = new User({ name, email, age });
37   user.save().then(() => res.json(user)).catch(err => console.log(err));
38 });
39
40 app.delete('/api/users/:id', (req, res) => {
41   const { id } = req.params;
42   User.findByIdAndDelete(id).then(() => res.json({ message: 'User deleted' })).catch(err => console.log(err));
43 });
44
45 app.listen(PORT, () => console.log(`Server is running on port ${PORT}`));

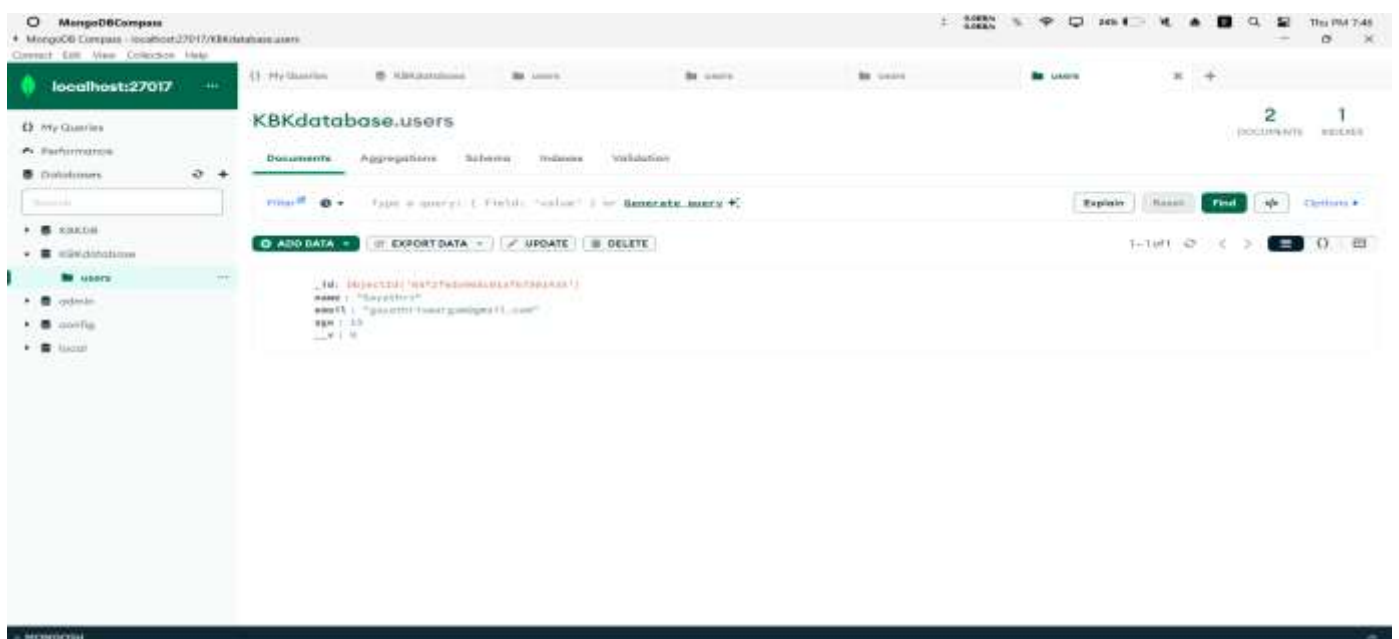
```

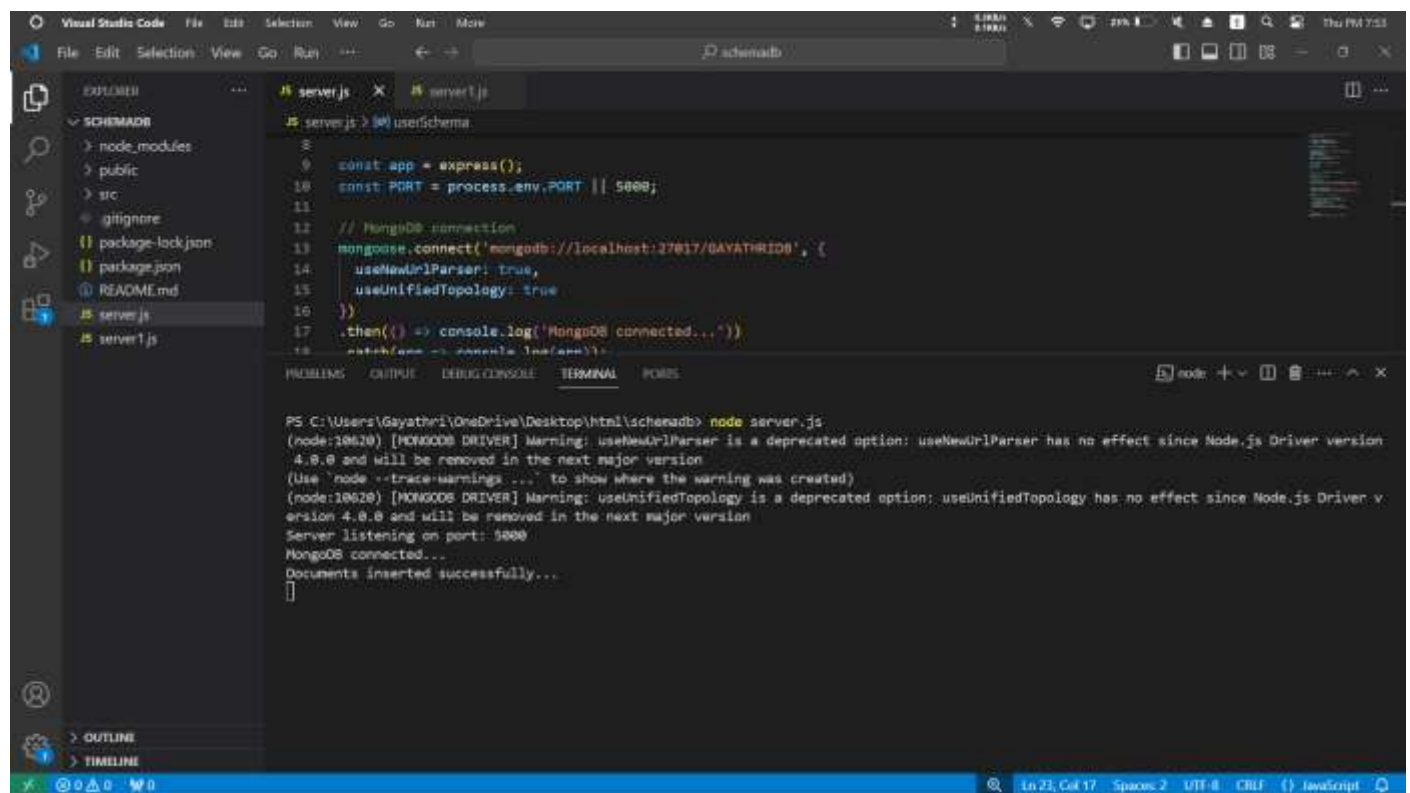
The terminal shows the output of the REST client:

```

PS C:\Users\Gayathri\OneDrive\Desktop\html\schemadb> Invoke-WebRequest -Method Delete -Uri "http://localhost:5000/api/users/65f2f6da965c81af67581435"
{
  "message": "User deleted"
}

```



OUTPUT:


The screenshot shows the Visual Studio Code editor with a file named `server.js` open. The code in the editor is as follows:

```

1  const express = require('express');
2  const mongoose = require('mongoose');
3  const app = express();
4  const PORT = process.env.PORT || 5000;
5
6  // MongoDB connection
7  mongoose.connect('mongodb://localhost:27017/GAYATHRIDB', {
8    useNewUrlParser: true,
9    useUnifiedTopology: true
10  });
11
12  .then(() => console.log('MongoDB connected...'))
13  .catch(err => console.log(err));
14
15  app.listen(PORT, () => console.log(`Server listening on port: ${PORT}`));

```

The terminal output shows the command `node server.js` being executed, with the following output:

```

PS C:\Users\Gayathri\OneDrive\Desktop\html\schemadb> node server.js
(node:19620) [MONGODB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js Driver version 4.0.0 and will be removed in the next major version
(node:19620) [MONGODB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since Node.js Driver version 4.0.0 and will be removed in the next major version
Server listening on port: 5000
MongoDB connected...
Documents inserted successfully...

```

