

Боян Дончев

Фн: 72029

ИС 2 курс

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Домашна работа 7

Select заявка

```
1  const ibmdb = require('ibm_db');
2  const connStr = "DATABASE=SAMPLE;HOSTNAME=62.44.108.24;
   UID=db2admin;PWD=db2admin;PORT=50000;";
3
4  let query = (query) => {
5    return ibmdb.open(connStr).then(
6      conn => {
7        return conn.query(query).then(data => {
8          conn.closeSync();
9          return data;
10         }, err => {
11           console.log(err);
12         });
13       }, err => {
14         console.log(err);
15       }
16     )
17   }
18
19  module.exports.getAnimals = () => {
20    return query("SELECT * FROM FN72029.Animals;");
21   }
22
```

Insert заявка

```
38
39 module.exports.createLocation = (name, address) => {
40   return query(`INSERT INTO FN72029.Locations (name,
41     address) VALUES ('${name}', '${address}')`);
42 }
```

Express server

```
1  const express = require('express')
2  const app = express()
3  const port = 3000
4  const bodyParser = require('body-parser')
5  const dao = require('./dao');
6  let cors = require("cors");
7
8  app.use(cors());
9  app.use(bodyParser.json());
10
11 app.get('/animals', (req, res) => {
12   dao.getAnimals().then(response => {
13     console.log("GET /animals")
14     console.log(response)
15     console.log('--')
16     if(response) {
17       res.json(response)
18     } else {
19       res.status(400).send("Database error")
20     }
21   })
22 })
```

Frontend

```
1  async function getClients() {
2    let response = await fetch("http://127.0.0.1:3000/
  clients")
3
4    return response.json();
5  }
```

```
31  function loadClients() {
32    getClients().then(res => {
33      let table = document.getElementById("clients");
34
35      res.forEach(el => {
36        let row = document.createElement("tr");
37
38        let id = document.createElement("td");
39        let name = document.createElement("td");
40        let phone = document.createElement("td");
41        let address = document.createElement("td");
42
43        id.appendChild(document.createTextNode(el.ID))
44        name.appendChild(document.createTextNode(el.NAME))
45        phone.appendChild(document.createTextNode(el.
  PHONE_NUMBER))
46        address.appendChild(document.createTextNode(el.
  ADDRESS))
47
48        row.appendChild(id)
49        row.appendChild(name)
50        row.appendChild(phone)
51        row.appendChild(address)
52      })
53      table.appendChild(row)
54    })
55  }
56
59  module.exports.deleteExamination = (id) => {
60    return query(`DELETE FROM FN72029.Examinations WHERE id
  = ${id}`);
61  }
```