SW-II
SISTEMAS WEB II

Prof. Anderson Vanin

AULA 14 – APIs com NODE e Banco de Dados

Route Params

Route Params (GET / PUT / DELETE)

Buscar, deletar ou editar algo específico

get servidor.com/usuários/22

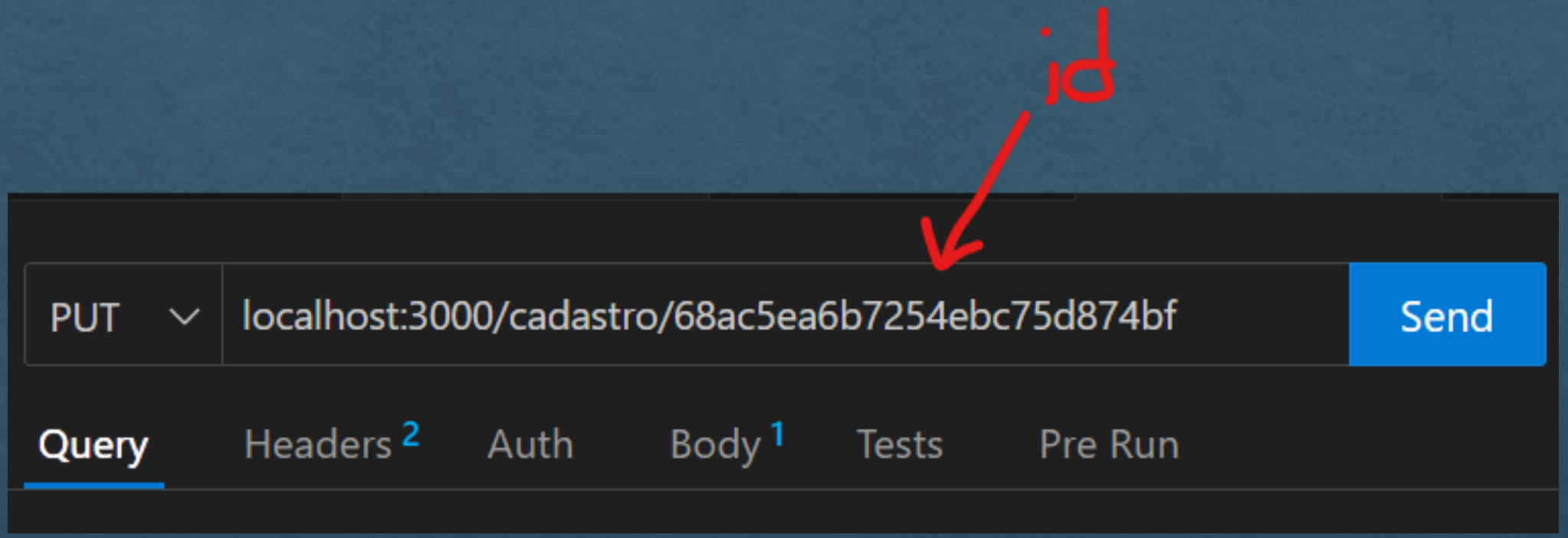
put servidor.com/usuários/22

delete servidor.com/usuários/22

Iniciando

1. Clonar repositório
2. npm i
3. npx prisma db push
4. node server.js
5. Testar o GET
6. Testar o POST
7. Testar o GET

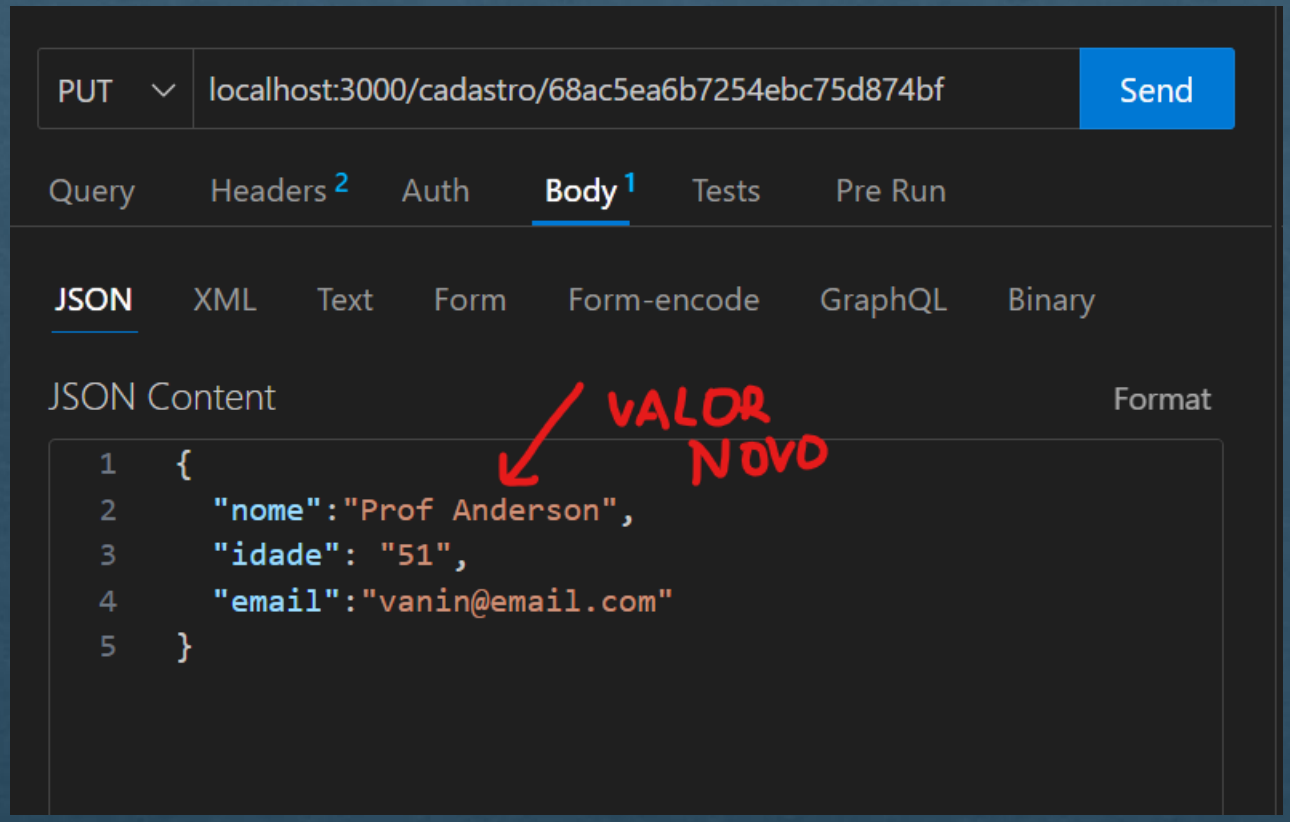
Thunder Client – Criar requisição de PUT

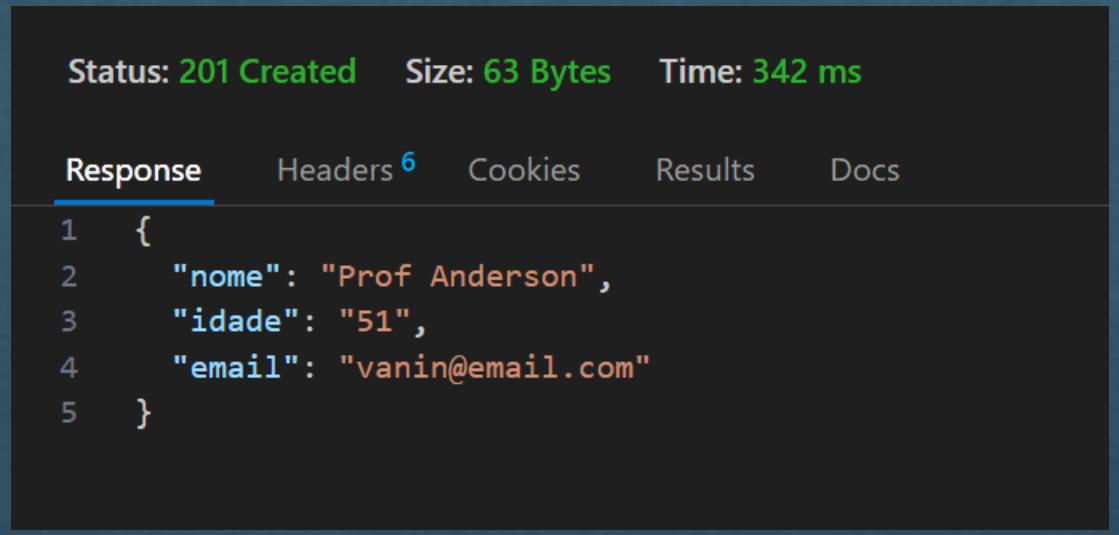


Criar a rota de PUT

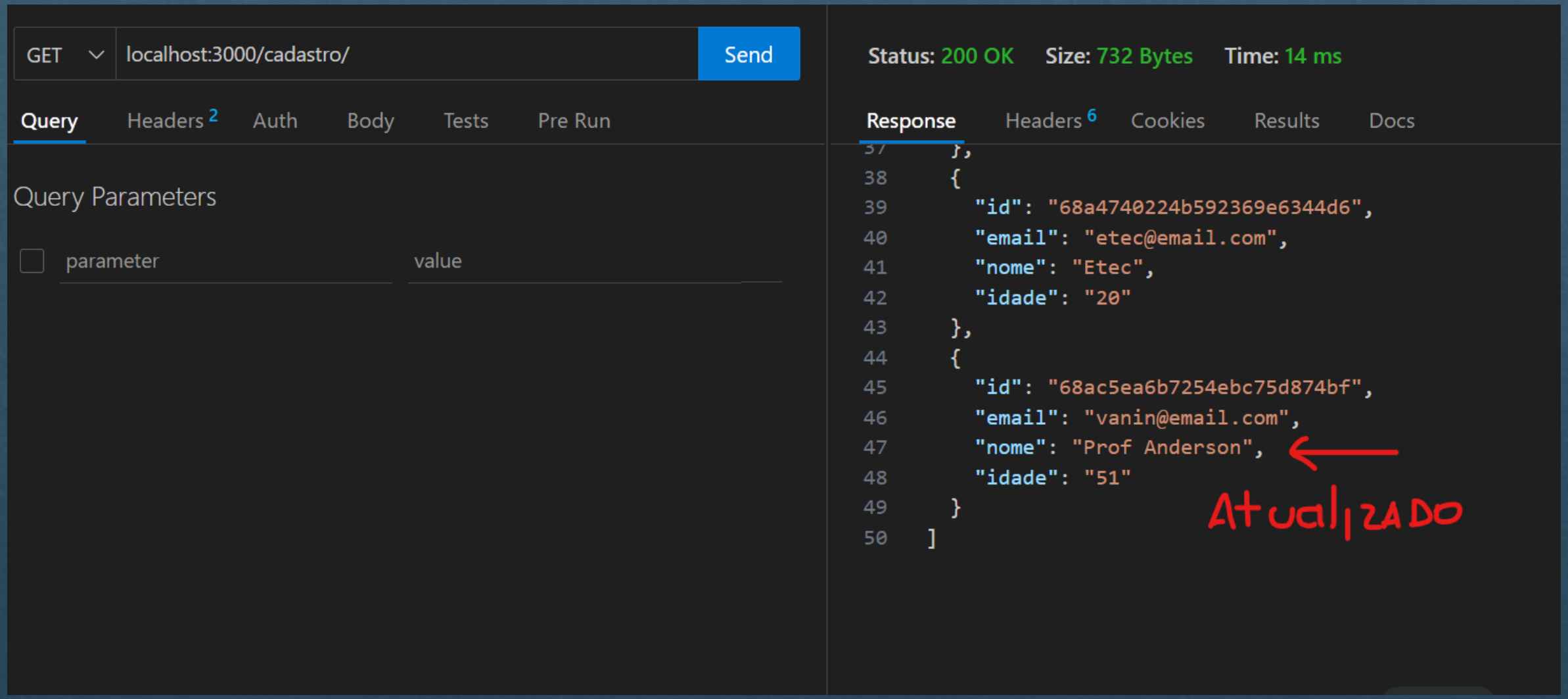
```
29  app.put('/cadastro/:id',async (req,res)=>{
30
31      await prisma.usuario.update({
32          where:{
33              id: req.params.id
34          },
35          data:{
36              email: req.body.email,
37              nome: req.body.nome,
38              idade: req.body.idade
39          }
40      })
41
42      res.status(201).json(req.body)
43  })
```

Testar no Thunder Client





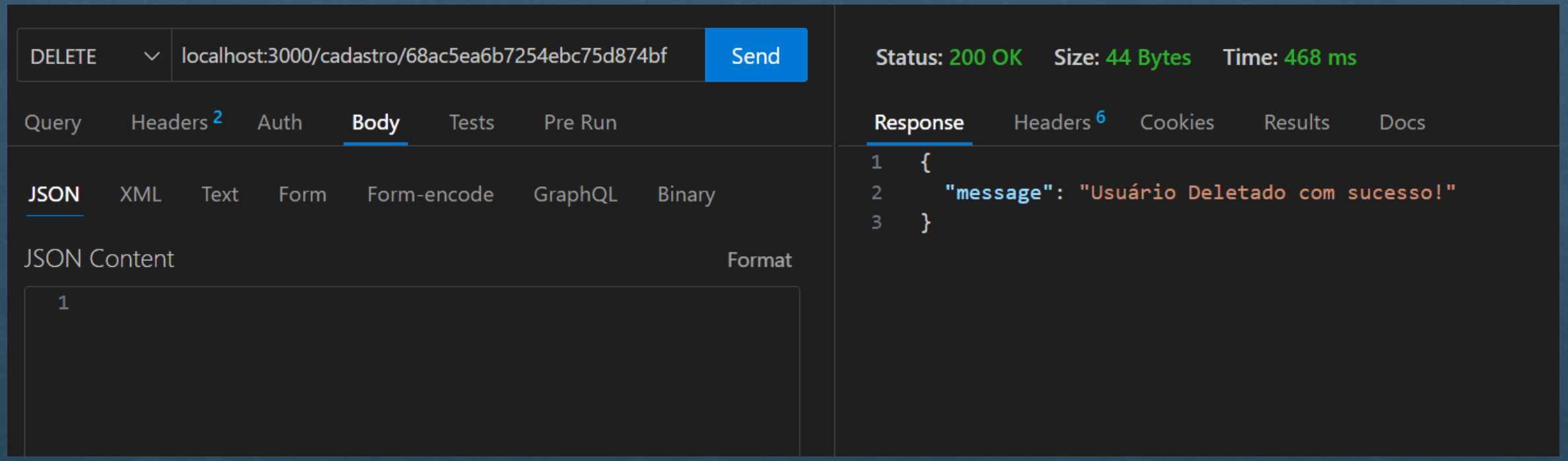
Testar o GET


GET
localhost:3000/cadastro/
Send
Query
Headers 2
Auth
Body
Tests
Pre Run
Query Parameters
parameter
value
Status: 200 OK
Size: 732 Bytes
Time: 14 ms
Response
Headers 6
Cookies
Results
Docs
},
{
"id": "68a4740224b592369e6344d6",
"email": "etec@email.com",
"nome": "Etec",
"idade": "20"
},
{
"id": "68ac5ea6b7254ebc75d874bf",
"email": "vanin@email.com",
"nome": "Prof Anderson",
"idade": "51"
}
]
Atualizado

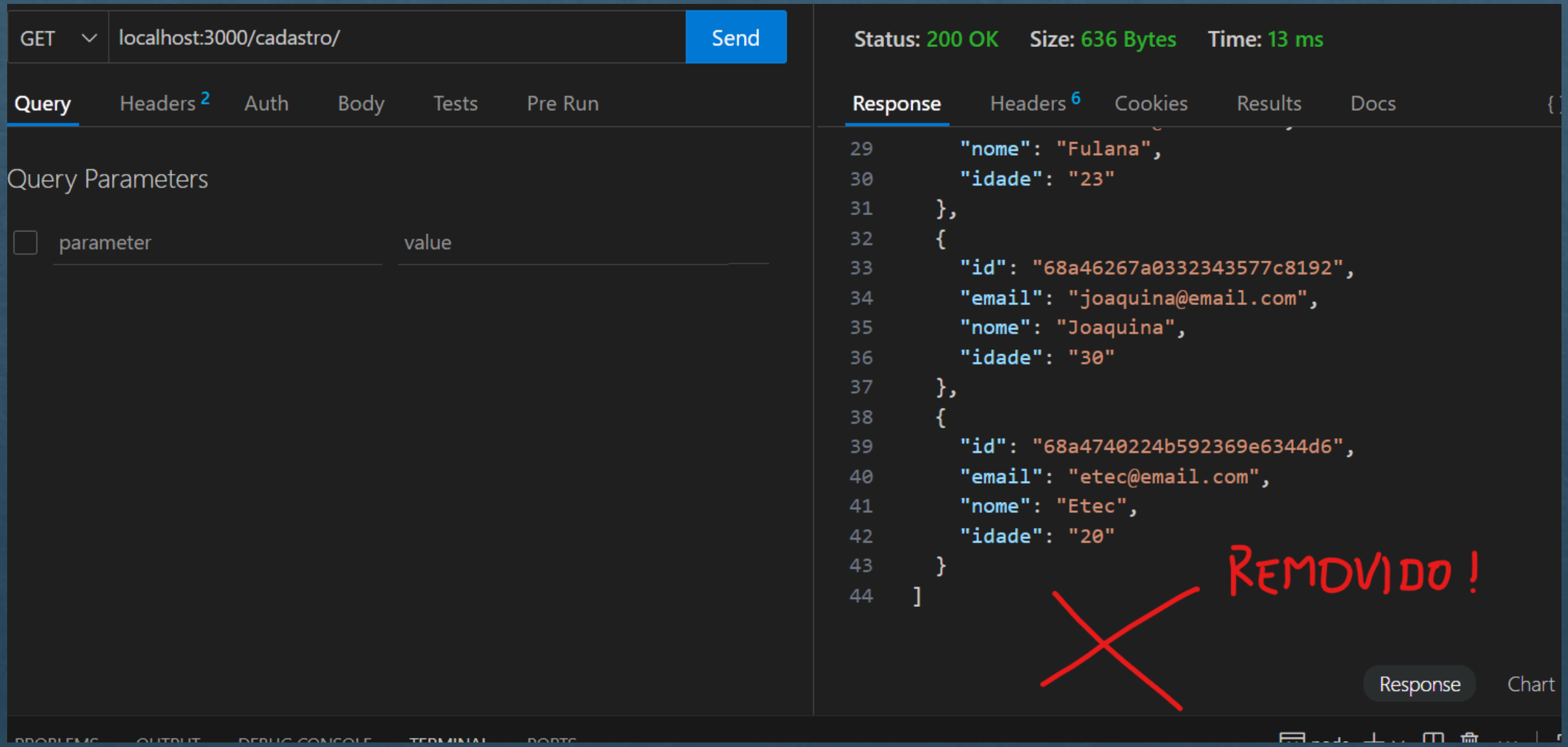
Criar a rota de DELETE

```
app.delete('/cadastro/:id',async (req,res)=>{

    await prisma.usuario.delete({
        where:{
            id: req.params.id
        }
    })

    res.status(200).json({"message":"Usuário Deletado com sucesso!"})
})
```

Testar no Thunder Client



Testar GET


GET
localhost:3000/cadastro/
Send
Status: 200 OK
Size: 636 Bytes
Time: 13 ms
Query
Headers 2
Auth
Body
Tests
Pre Run
Response
Headers 6
Cookies
Results
Docs
Query Parameters
parameter
value
29 "nome": "Fulana",
30 "idade": "23"
31 },
32 {
33 "id": "68a46267a0332343577c8192",
34 "email": "joaquina@email.com",
35 "nome": "Joaquina",
36 "idade": "30"
37 },
38 {
39 "id": "68a4740224b592369e6344d6",
40 "email": "etec@email.com",
41 "nome": "Etec",
42 "idade": "20"
43 }
44]
REMOVIDO!
Response
Chart

Query Params

Query Params (GET)

Consultas

servidor.com/usuários?estado=bahia&cidade=salvador

Rota GET genérica

```
//Lista com filtro query params
app.get('/cadastro', async (req,res)=>{

    let filtro_usuarios = []

    if(req.query){
        filtro_usuarios = await prisma.usuario.findMany({
            where:{
                nome: req.query.nome
            }
        })
    }else{
        filtro_usuarios = await prisma.usuario.findMany()
    }

    res.status(200).json(filtro_usuarios)
})
```

Testar no Thunder Client