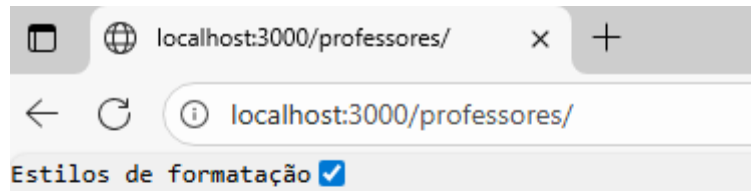


Victor dos Santos Ferreira – 248421

Prints

- Listar todos os professores



```
[
  {
    "id": "1",
    "nome": "Prof. Carlos",
    "idade": 40,
    "departamento": "Matemática",
    "turmas": [
      {
        "codigo": "9A",
        "disciplina": "MAT101",
        "alunos": [
          "João",
          "Maria",
          "Pedro"
        ]
      },
      {
        "codigo": "10A",
        "disciplina": "MAT201",
        "alunos": [
          "Ana",
          "Luiz"
        ]
      }
    ]
  },
  {
    "id": "2",
    "nome": "Prof. Ana",
    "idade": 35,
    "departamento": "História",
    "turmas": [
      {
        "codigo": "9A",
        "disciplina": "HIS101",
        "alunos": [
          "João",
          "Pedro"
        ]
      }
    ]
  },
]
```

- Buscar um professor por ID



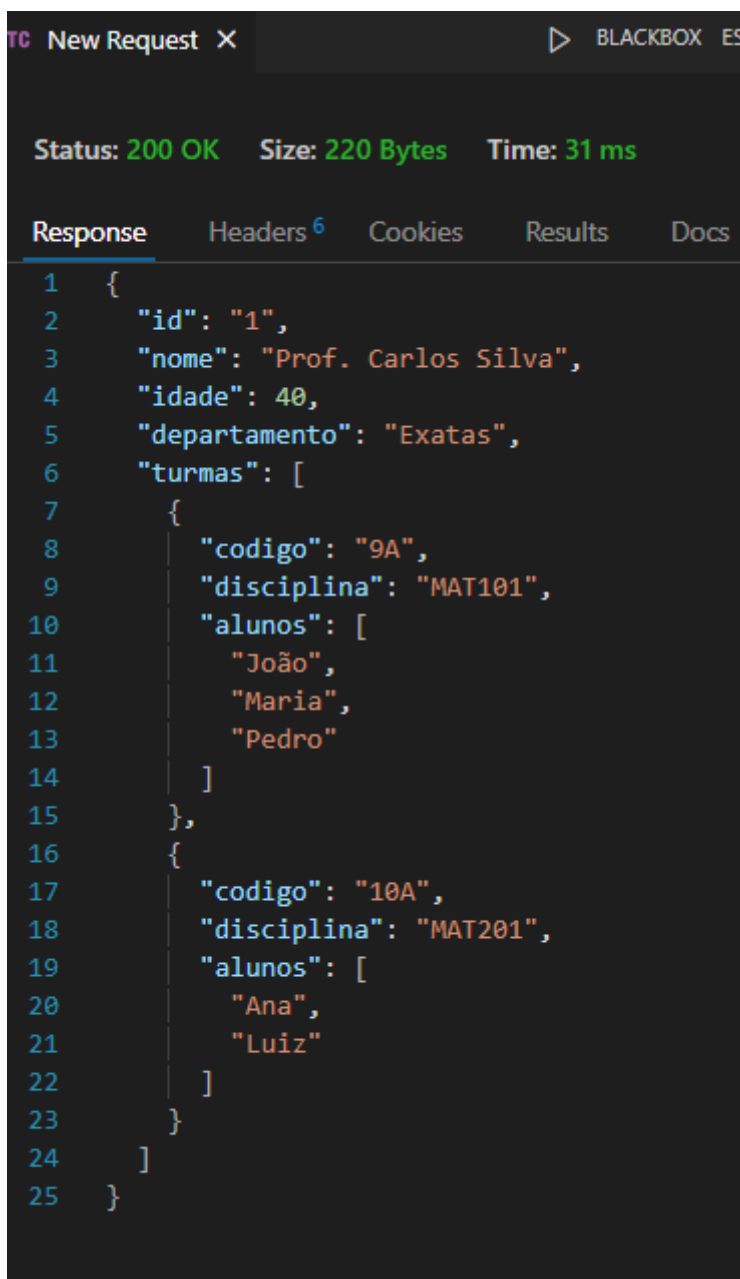
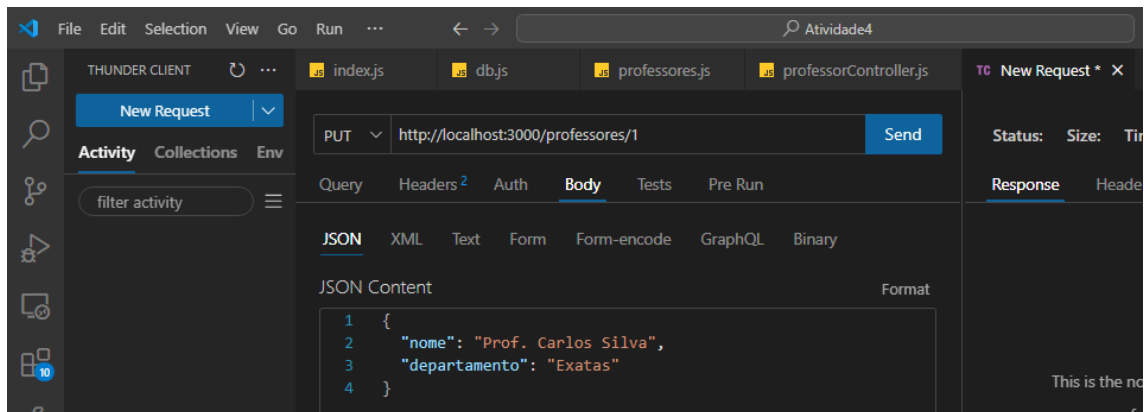
```
{
  "id": "1",
  "nome": "Prof. Carlos",
  "idade": 40,
  "departamento": "Matemática",
  "turmas": [
    {
      "codigo": "9A",
      "disciplina": "MAT101",
      "alunos": [
        "João",
        "Maria",
        "Pedro"
      ]
    },
    {
      "codigo": "10A",
      "disciplina": "MAT201",
      "alunos": [
        "Ana",
        "Luiz"
      ]
    }
  ]
}
```

- Listar todas as turmas de um professor



```
[
  {
    "codigo": "9A",
    "disciplina": "MAT101",
    "alunos": [
      "João",
      "Maria",
      "Pedro"
    ]
  },
  {
    "codigo": "10A",
    "disciplina": "MAT201",
    "alunos": [
      "Ana",
      "Luiz"
    ]
  }
]
```

- Atualizar dados de um professor



- Adicionar uma turma para um professor

The screenshot shows a REST client interface with the following details:

- Request:**
 - Method: POST
 - URL: `http://localhost:3000/professores/1/turmas`
 - Body (JSON):


```
1 {
2   "codigo": "11A",
3   "disciplina": "MAT301",
4   "alunos": ["Beatriz", "Tiago"]
5 }
```
- Response:**
 - Status: 201 Created
 - Size: 67 Bytes
 - Time: 9 ms
 - Response Body (JSON):


```
1 {
2   "codigo": "11A",
3   "disciplina": "MAT301",
4   "alunos": [
5     "Beatriz",
6     "Tiago"
7   ]
8 }
```

- Listar professores por departamento

The screenshot shows a web browser displaying a JSON response for the endpoint `localhost:3000/professores/departamento/Matemática`. The response is a JSON array containing three professor objects, each with their details and a list of classes.

```
[
  {
    "id": "1",
    "nome": "Prof. Carlos",
    "idade": 40,
    "departamento": "Matemática",
    "turmas": [
      {
        "codigo": "9A",
        "disciplina": "MAT101",
        "alunos": [
          "João",
          "Maria",
          "Pedro"
        ]
      }
    ]
  },
  {
    "codigo": "10A",
    "disciplina": "MAT201",
    "alunos": [
      "Ana",
      "Luiz"
    ]
  },
  {
    "codigo": "11A",
    "disciplina": "MAT301",
    "alunos": [
      "Beatriz",
      "Tiago"
    ]
  }
]
```



- Remover um professor

