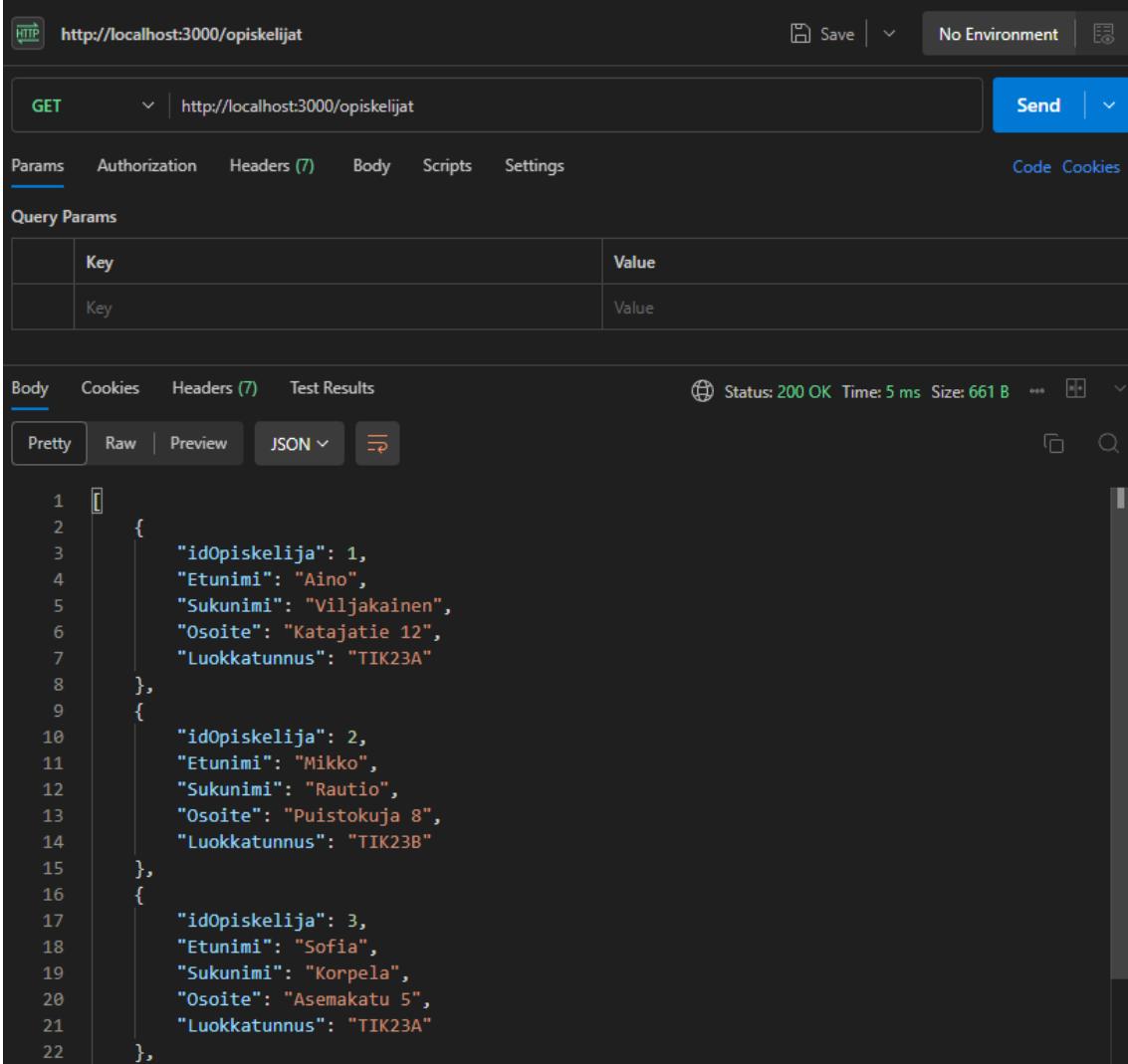


# 21 Opintorekisteri

Opiskelija GET:



The screenshot shows a Postman interface with the following details:

- Request URL:** `http://localhost:3000/opiskelijat`
- Method:** GET
- Headers:** No Environment
- Params:** None
- Body:** JSON array of three objects (Pretty tab selected). Each object has the following fields:
  - `idOpiskelija`: 1, 2, or 3
  - `Etunimi`: "Aino", "Mikko", or "Sofia"
  - `Sukunimi`: "Viljakainen", "Rautio", or "Korpela"
  - `Osoite`: "Katajatie 12", "Puistokuja 8", or "Asemakatu 5"
  - `Luokkatunnus`: "TIK23A" or "TIK23B"
- Test Results:** Status: 200 OK, Time: 5 ms, Size: 661 B

```
1 [ { 2   "idOpiskelija": 1, 3     "Etunimi": "Aino", 4     "Sukunimi": "Viljakainen", 5     "Osoite": "Katajatie 12", 6     "Luokkatunnus": "TIK23A" 7 }, 8   { 9     "idOpiskelija": 2, 10    "Etunimi": "Mikko", 11    "Sukunimi": "Rautio", 12    "Osoite": "Puistokuja 8", 13    "Luokkatunnus": "TIK23B" 14 }, 15   { 16     "idOpiskelija": 3, 17     "Etunimi": "Sofia", 18     "Sukunimi": "Korpela", 19     "Osoite": "Asemakatu 5", 20     "Luokkatunnus": "TIK23A" 21 }, 22 }
```

## Opiskelija POST:

POST  Send

Params Authorization Headers (9) Body Scripts Settings

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL  JSON Beautify

```
1 [ {  
2   "Etunimi": "Testi",  
3   "Sukunimi": "Opiskelija",  
4   "Osoite": "Testikatu 1",  
5   "Luokkaturkuus": "TIK23A"  
6 } ]
```

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 11 ms Size: 269 B

Pretty Raw Preview JSON Beautify

```
1 [ {"message": "Student added", "id": 5} ]
```

## Opiskelija PUT

HTTP  Save | No Environment

PUT  Send

Params Authorization Headers (9) Body Scripts Settings

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL  JSON Beautify

```
1 [ {  
2   "Etunimi": "Testi",  
3   "Sukunimi": "Päivitetty",  
4   "Osoite": "Uusikatu 10",  
5   "Luokkaturkuus": "TIK23B"  
6 } ]
```

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 8 ms Size: 264 B

Pretty Raw Preview JSON Beautify

```
1 [ {"message": "Student updated"} ]
```

## Opiskelija DELETE:

DELETE http://localhost:3000/opiskelijat/5

Send

Params Authorization Headers (7) Body Scripts Settings

Code Cookies

Query Params

	Key	Value
	Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 6 ms Size: 264 B

Pretty Raw Preview JSON

```
1 [{}]
2   "message": "Student deleted"
3 ]
```

## Opintojakso GET:

GET http://localhost:3000/opintojakso

Send

Params Authorization Headers (7) Body Scripts Settings

Code Cookies

Query Params

	Key	Value
	Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 5 ms Size: 569 B

Pretty Raw Preview JSON

```
1 [{"idOpintojakso":101,"Koodi":"ICT101","Laajuus":5,"Nimi":"Tietokantojen perusteet"},  
2 {"idOpintojakso":102,"Koodi":"ICT205","Laajuus":3,"Nimi":"Ohjelmoinnin jatkokurssi"},  
3 {"idOpintojakso":103,"Koodi":"MAT150","Laajuus":4,"Nimi":"Matematiikan perusteet"},  
4 {"idOpintojakso":104,"Koodi":"PHY101","Laajuus":3,"Nimi":"Fysiikan perusteet"}]
```

## Opintojakso POST:

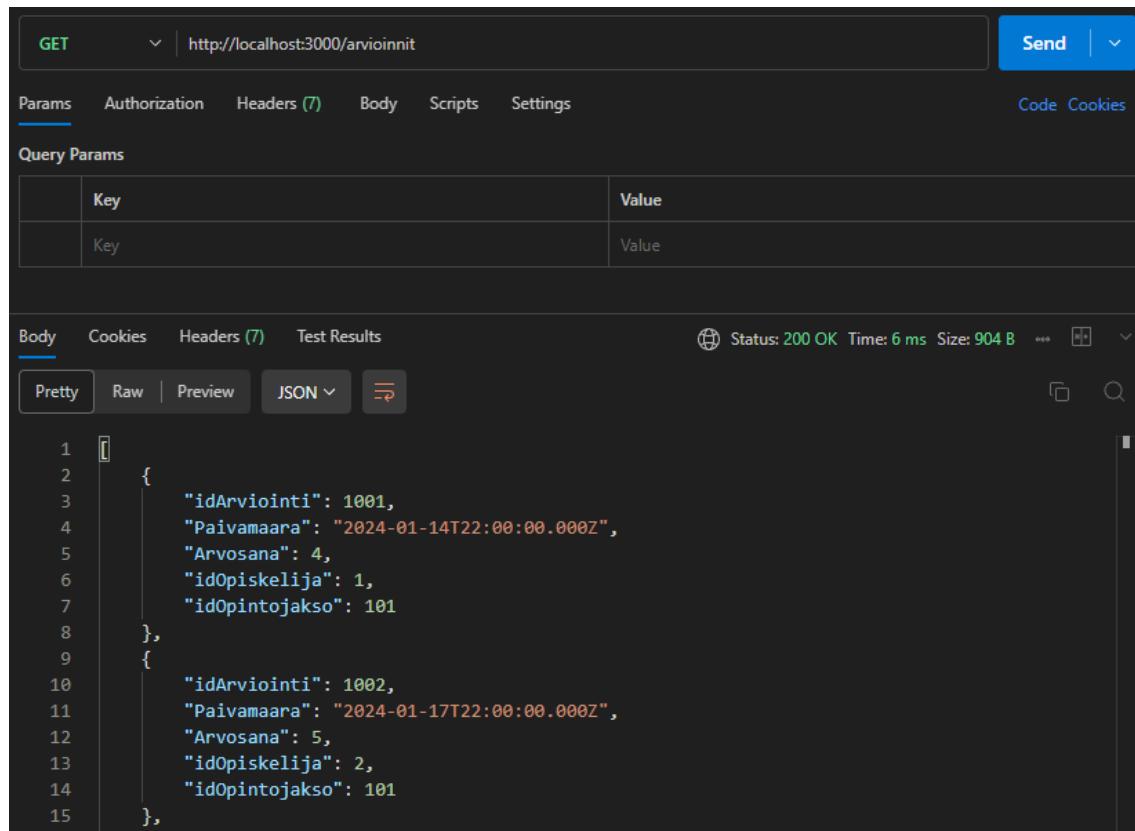
The screenshot shows the Postman application interface. At the top, there is a header bar with 'POST' selected, the URL 'http://localhost:3000/opintojakso', and a 'Send' button. Below the header are tabs for 'Params', 'Authorization', 'Headers (9)', 'Body' (which is currently selected), 'Scripts', and 'Settings'. Under the 'Body' tab, there are several options: 'none', 'form-data', 'x-www-form-urlencoded', 'raw' (which is selected), 'binary', 'GraphQL', and 'JSON'. To the right of these options is a 'Beautify' button. The main body area contains a JSON object:

```
1 {
2   "idOpintojakso": 999,
3   "Koodi": "ICT999",
4   "Laajuus": 5,
5   "Nimi": "Testikurssi"
6 }
```

Below the body editor, there are tabs for 'Body', 'Cookies', 'Headers (7)', and 'Test Results'. The 'Test Results' tab is selected, showing the following status information: Status: 200 OK, Time: 24 ms, Size: 261 B. There are also buttons for 'Pretty', 'Raw', 'Preview', and 'JSON'. The 'JSON' preview section displays the response message:

```
1 [
2   {
3     "message": "Course added"
4   }
5 ]
```

## Arvioinnit GET:



GET | http://localhost:3000/arvioinnit | Send

Params Authorization Headers (7) Body Scripts Settings Code Cookies

Query Params

	Key	Value
	Key	Value

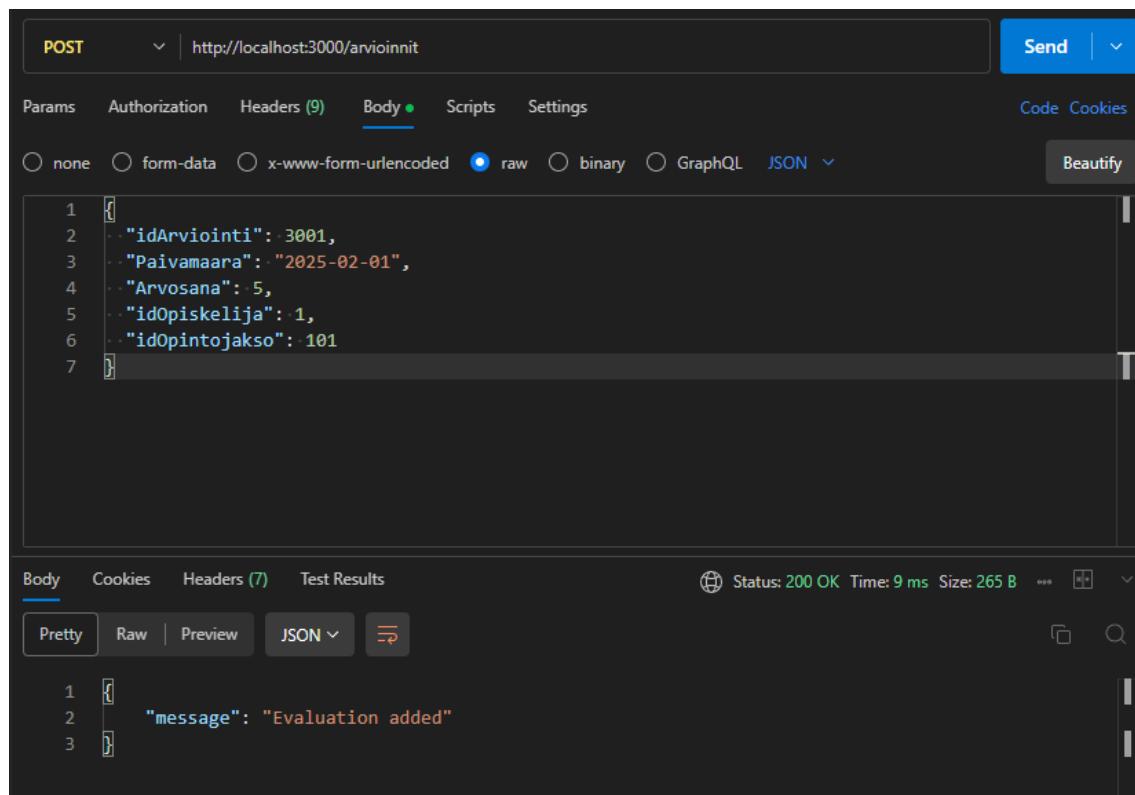
Body Cookies Headers (7) Test Results

Status: 200 OK Time: 6 ms Size: 904 B

Pretty Raw Preview JSON

```
1 [  
2 {  
3   "idArvointi": 1001,  
4   "Paivamaara": "2024-01-14T22:00:00.000Z",  
5   "Arvosana": 4,  
6   "idOpiskelija": 1,  
7   "idOpintojakso": 101  
8 },  
9 {  
10   "idArvointi": 1002,  
11   "Paivamaara": "2024-01-17T22:00:00.000Z",  
12   "Arvosana": 5,  
13   "idOpiskelija": 2,  
14   "idOpintojakso": 101  
15 }]
```

## Arvioinnit POST:



POST | http://localhost:3000/arvioinnit | Send

Params Authorization Headers (9) Body Scripts Settings Code Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Beautify

```
1 [  
2   {"idArvointi": 3001,  
3   "Paivamaara": "2025-02-01",  
4   "Arvosana": 5,  
5   "idOpiskelija": 1,  
6   "idOpintojakso": 101  
7 }]
```

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 9 ms Size: 265 B

Pretty Raw Preview JSON

```
1 [  
2   {"message": "Evaluation added"}  
3 ]
```