

GET, POST, PUT, DELETE - OPISKELIJA

GET | http://localhost:3001/opiskelija

Params Authorization Headers (9) Body Scripts Settings

Body: none form-data x-www-form-urlencoded raw binary GraphQL

Key	Value
Paivamaara	2025-12-13
Arvosana	1
idOpiskelija	1

Status: 200 OK Time: 37 ms Size: 648 B

Pretty Raw Preview

```
[{"idOpiskelija":1,"Etunimi":"Matti","Sukunimi":"Meikäläinen","Osoite":"Matinkatu 1","Luokkaturvus":"A1"}, {"idOpiskelija":2,"Etunimi":"Liisa","Sukunimi":"Virtanen","Osoite":"Liisantie 2","Luokkaturvus":"B2"}, {"idOpiskelija":3,"Etunimi":"Roope","Sukunimi":"Harju","Osoite":"Harjunkatu 6","Luokkaturvus":"B2"}, {"idOpiskelija":4,"Etunimi":"Antti","Sukunimi":"Anttilainen","Osoite":"Anttintie 2","Luokkaturvus":"C4"}]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

```
PS C:\Users\seppa\25KURSSIT\Tietokannat25\viikko7\opintorekisteri> npm start
GET /arviointi 200 3.141 ms - 743
POST /arviointi 200 24.977 ms - 108
GET /arviointi 200 2.969 ms - 850
GET /arviointi 200 3.949 ms - 850
GET /arviointi 304 1.514 ms - -
GET /opiskelija 200 31.169 ms - 411
```

POST | http://localhost:3001/opiskelija

Params Authorization Headers (9) Body Scripts Settings

Body: none form-data x-www-form-urlencoded raw binary GraphQL

Key	Value
idOpiskelija	5
Etunimi	joulu
Sukunimi	pukki
Osoite	korvatunturi
Luokkaturvus	C6
Key	Value

Status: 200 OK Time: 6 ms Size: 748 B

Pretty Raw Preview

```
[{"idOpiskelija":1,"Etunimi":"Matti","Sukunimi":"Meikäläinen","Osoite":"Matinkatu 1","Luokkaturvus":"A1"}, {"idOpiskelija":2,"Etunimi":"Liisa","Sukunimi":"Virtanen","Osoite":"Liisantie 2","Luokkaturvus":"B2"}, {"idOpiskelija":3,"Etunimi":"Roope","Sukunimi":"Harju","Osoite":"Harjunkatu 6","Luokkaturvus":"B2"}, {"idOpiskelija":4,"Etunimi":"Antti","Sukunimi":"Anttilainen","Osoite":"Anttintie 2","Luokkaturvus":"C4"}, {"idOpiskelija":5,"Etunimi":"joulu","Sukunimi":"pukki","Osoite":"korvatunturi","Luokkaturvus":"C6"}]
```

HTTP http://localhost:3001/opiskelija/5

PUT | http://localhost:3001/opiskelija/5

Params Authorization Headers (9) Body Scripts Settings

Body: none form-data x-www-form-urlencoded raw binary GraphQL

Key	Value
idOpiskelija	5
Etunimi	joulu
Sukunimi	muori
Osoite	korvatunturi
Luokkaturvus	C6
Key	Value

Status: 200 OK Time: 5 ms Size: 383 B

Pretty Raw Preview JSON

```
{"fieldCount":0, "affectedRows":1, "insertId":0, "info":"Rows matched: 1 Changed: 0 Warnings: 0", "serverStatus":2, "warningStatus":0, "changedRows":0}
```

← → ⌛ localhost:3001/opiskelija

Omkilaisille - oamk Lukkarikone

Kaunista koodia

```
[  
  {  
    "idOpiskelija": 1,  
    "Etunimi": "Matti",  
    "Sukunimi": "Meikäläinen",  
    "Osoite": "Matinkatu 1",  
    "Luokkatunnus": "A1"  
  },  
  {  
    "idOpiskelija": 2,  
    "Etunimi": "Liisa",  
    "Sukunimi": "Virtanen",  
    "Osoite": "Liisantie 2",  
    "Luokkatunnus": "B2"  
  },  
  {  
    "idOpiskelija": 3,  
    "Etunimi": "Roope",  
    "Sukunimi": "Harju",  
    "Osoite": "Harjunkatu 6",  
    "Luokkatunnus": "B2"  
  },  
  {  
    "idOpiskelija": 4,  
    "Etunimi": "Antti",  
    "Sukunimi": "Anttinen",  
    "Osoite": "Antintie 2",  
    "Luokkatunnus": "C4"  
  },  
  {  
    "idOpiskelija": 5,  
    "Etunimi": "joulu",  
    "Sukunimi": "muori",  
    "Osoite": "korvatunturi",  
    "Luokkatunnus": "C6"  
  }  
]
```

HTTP <http://localhost:3001/opiskelija/5>

Save | No Environment

DELETE <http://localhost:3001/opiskelija/5>

Params Authorization Headers (9) Body Scripts Settings

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

Key	Value
<input checked="" type="checkbox"/> idOpiskelija	5
<input checked="" type="checkbox"/> Etunimi	joulu
<input checked="" type="checkbox"/> Sukunimi	muori
<input checked="" type="checkbox"/> Osoite	korvatunturi
<input checked="" type="checkbox"/> Luokkatunnus	C6
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 20 ms Size: 343 B

Pretty Raw Preview JSON ↻

```
1 [{"fieldCount":0,"affectedRows":1,"insertId":0,"info":"Rows matched: 1  Changed: 0  Warnings: 0","serverStatus":2,"warningStatus":0,"changedRows":0}]
```

← → ⌛ localhost:3001/opiskelija

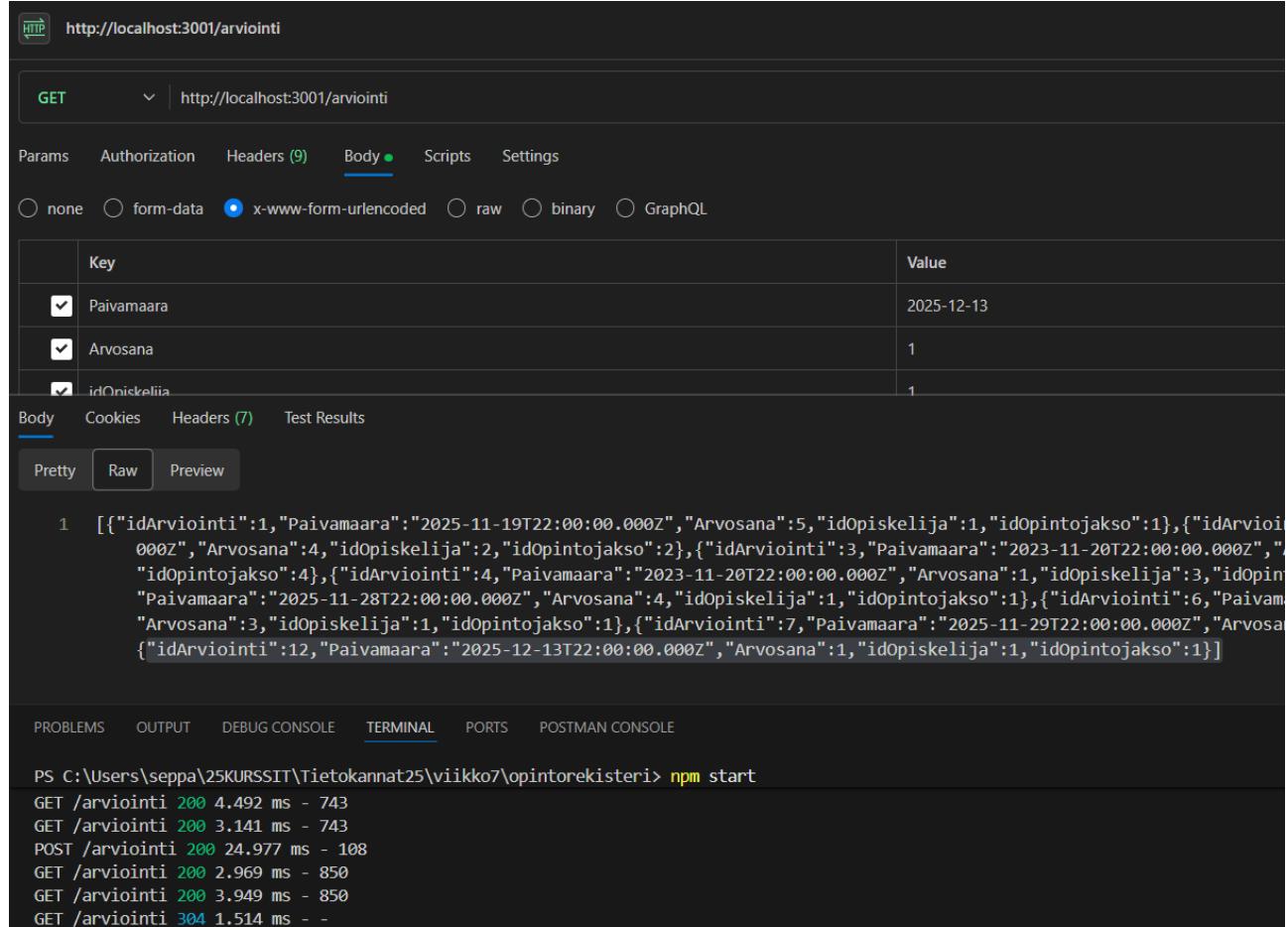
Omkilaisille - oamk Lukkarikone Mood

Kaunista koodia

```
[  
  {  
    "idOpiskelija": 1,  
    "Etunimi": "Matti",  
    "Sukunimi": "Meikäläinen",  
    "Osoite": "Matinkatu 1",  
    "Luokkatunnus": "A1"  
  },  
  {  
    "idOpiskelija": 2,  
    "Etunimi": "Liisa",  
    "Sukunimi": "Virtanen",  
    "Osoite": "Liisantie 2",  
    "Luokkatunnus": "B2"  
  },  
  {  
    "idOpiskelija": 3,  
    "Etunimi": "Roope",  
    "Sukunimi": "Harju",  
    "Osoite": "Harjunkatu 6",  
    "Luokkatunnus": "B2"  
  },  
  {  
    "idOpiskelija": 4,  
    "Etunimi": "Antti",  
    "Sukunimi": "Anttinen",  
    "Osoite": "Antintie 2",  
    "Luokkatunnus": "C4"  
  }  
]
```

GET, POST, PUT, DELETE - Arvointi

get+put samassa



HTTP <http://localhost:3001/arvointi>

GET | http://localhost:3001/arvointi

Params Authorization Headers (9) Body Scripts Settings

(none) form-data x-www-form-urlencoded raw binary GraphQL

Key	Value
Paivamaara	2025-12-13
Arvosana	1
idOpiskelija	1

Body Cookies Headers (7) Test Results

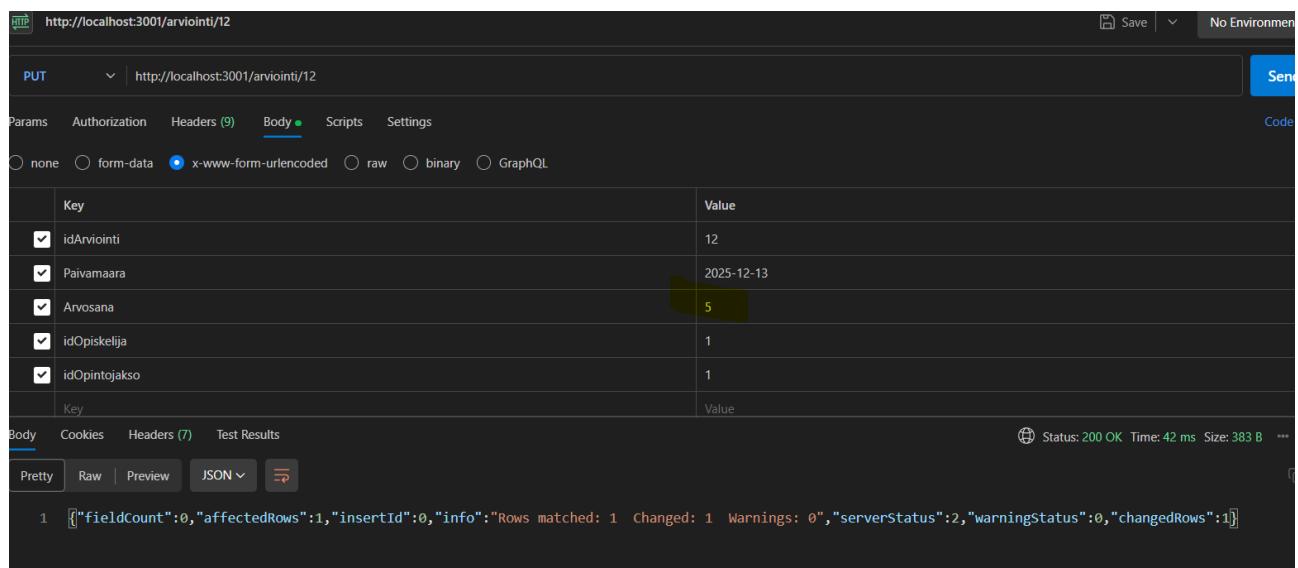
Pretty Raw Preview

```
[{"idArvointi":1,"Paivamaara":"2025-11-19T22:00:00.000Z","Arvosana":5,"idOpiskelija":1,"idOpintojakso":1}, {"idArvointi":2,"Paivamaara":"2025-11-20T22:00:00.000Z","Arvosana":4,"idOpiskelija":2,"idOpintojakso":2}, {"idArvointi":3,"Paivamaara":"2023-11-20T22:00:00.000Z","Arvosana":1,"idOpiskelija":3,"idOpintojakso":4}, {"idArvointi":4,"Paivamaara":"2023-11-20T22:00:00.000Z","Arvosana":4,"idOpiskelija":4,"idOpintojakso":4}, {"idArvointi":5,"Paivamaara":"2025-11-28T22:00:00.000Z","Arvosana":4,"idOpiskelija":1,"idOpintojakso":1}, {"idArvointi":6,"Paivamaara":"2025-11-29T22:00:00.000Z","Arvosana":3,"idOpiskelija":1,"idOpintojakso":1}, {"idArvointi":7,"Paivamaara":"2025-11-29T22:00:00.000Z","Arvosana":1,"idOpiskelija":7,"idOpintojakso":1}, {"idArvointi":8,"Paivamaara":"2025-11-29T22:00:00.000Z","Arvosana":1,"idOpiskelija":8,"idOpintojakso":1}, {"idArvointi":9,"Paivamaara":"2025-11-29T22:00:00.000Z","Arvosana":1,"idOpiskelija":9,"idOpintojakso":1}, {"idArvointi":10,"Paivamaara":"2025-11-29T22:00:00.000Z","Arvosana":1,"idOpiskelija":10,"idOpintojakso":1}, {"idArvointi":11,"Paivamaara":"2025-11-29T22:00:00.000Z","Arvosana":1,"idOpiskelija":11,"idOpintojakso":1}, {"idArvointi":12,"Paivamaara":"2025-12-13T22:00:00.000Z","Arvosana":1,"idOpiskelija":12,"idOpintojakso":1}]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

PS C:\Users\seppa\25KURSSIT\Tietokannat25\viikko7\opintorekisteri> **npm start**

```
GET /arvointi 200 4.492 ms - 743
GET /arvointi 200 3.141 ms - 743
POST /arvointi 200 24.977 ms - 108
GET /arvointi 200 2.969 ms - 850
GET /arvointi 200 3.949 ms - 850
GET /arvointi 304 1.514 ms - -
```



HTTP <http://localhost:3001/arvointi/12>

PUT | http://localhost:3001/arvointi/12

Save | No Environment | Send | Code

Params Authorization Headers (9) Body Scripts Settings

(none) form-data x-www-form-urlencoded raw binary GraphQL

Key	Value
idArvointi	12
Paivamaara	2025-12-13
Arvosana	5
idOpiskelija	1
idOpintojakso	1

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 42 ms Size: 383 B ***

Pretty Raw Preview JSON

```
[{"fieldCount":0,"affectedRows":1,"insertId":0,"info":"Rows matched: 1  Changed: 1  Warnings: 0","serverStatus":2,"warningStatus":0,"changedRows":1}]
```

localhost:3001/arvointi

Oamkilaisille - oamk Lukkarikone Moodle

```

Kaunista koodia ✓
[{"idArvointi": 3, "Paivamaara": "2023-11-20T22:00:00.000Z", "Arvosana": 2, "idOpiskelija": 4, "idOpintojakso": 4}, {"idArvointi": 4, "Paivamaara": "2023-11-20T22:00:00.000Z", "Arvosana": 1, "idOpiskelija": 3, "idOpintojakso": 3}, {"idArvointi": 5, "Paivamaara": "2025-11-28T22:00:00.000Z", "Arvosana": 4, "idOpiskelija": 1, "idOpintojakso": 1}, {"idArvointi": 6, "Paivamaara": "2025-11-28T22:00:00.000Z", "Arvosana": 3, "idOpiskelija": 1, "idOpintojakso": 1}, {"idArvointi": 7, "Paivamaara": "2025-11-29T22:00:00.000Z", "Arvosana": 4, "idOpiskelija": 1, "idOpintojakso": 1}, {"idArvointi": 12, "Paivamaara": "2025-12-12T22:00:00.000Z", "Arvosana": 5, "idOpiskelija": 1, "idOpintojakso": 1}]
]

```

HTTP http://localhost:3001/arvointi/12

DELETE | http://localhost:3001/arvointi/12

Params Authorization Headers (9) Body Scripts Settings

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

Key	Value
<input checked="" type="checkbox"/> idArvointi	12
<input checked="" type="checkbox"/> Paivamaara	2025-12-13
<input checked="" type="checkbox"/> Arvosana	5
<input checked="" type="checkbox"/> idOpiskelija	1
<input checked="" type="checkbox"/> idOpintojakso	1
Key	Value

Body Cookies Headers (7) Test Results

Pretty Raw Preview JSON ↻

1 [{"fieldCount":0,"affectedRows":1,"insertId":0,"info":"Rows matched: 1 Changed: 1 Warnings: 0","serverStatus":2,"warningStatus":0,"changedRows":1}]

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

```

PS C:\Users\seppa\25KURSSIT\Tietokannat25\viikko7\opintorekisteri> npm start
PUT /arvointi 404 19.674 ms - 148
PUT /arvointi/12 200 37.021 ms - 147
GET /arvointi 200 5.735 ms - 850
DELETE /arvointi/12 200 27.387 ms - 107

```

GET, POST, PUT, DELETE – Opintojakso

HTTP <http://localhost:3001/opintojakso> Save | No Environment Send

GET http://localhost:3001/opintojakso

Params Authorization Headers (7) Body Scripts Settings

None form-data x-www-form-urlencoded raw binary GraphQL

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Pretty Raw Preview

1 [{"idOpintojakso":1,"Koodi":"SQL101","Laajuuus":5,"Nimi":"Tietokannat"}, {"idOpintojakso":2,"Koodi":"LIN202","Laajuuus":3,"Nimi":"Linux"}, {"idOpintojakso":3,"Koodi":"EN303","Laajuuus":15,"Nimi":"English"}, {"idOpintojakso":4,"Koodi":"HAR404","Laajuuus":30,"Nimi":"Harjoittelu"}]

Status: 200 OK Time: 5 ms Size: 509 B

HTTP <http://localhost:3001/opintojakso>

POST http://localhost:3001/opintojakso

Params Authorization Headers (9) Body Scripts Settings

None form-data x-www-form-urlencoded raw binary GraphQL

Key	Value
Koodi	OPP666
Laajuuus	50
Nimi	Oppari
Key	Value

Body Cookies Headers (7) Test Results

Pretty Raw Preview

1 [{"fieldCount":0,"affectedRows":1,"insertId":11,"info":"","serverStatus":2,"warningStatus":0,"changedRows":0}]

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

```
PS C:\Users\seppa\25KURSSIT\Tietokannat25\viikko7\opintorekisteri> npm start
POST /opintojakso 200 4.124 ms - 108
GET /opintojakso 200 1.564 ms - 633
POST /opintojakso 200 20.836 ms - 108
GET /opintojakso 200 1.516 ms - 694
```

HTTP <http://localhost:3001/opintojakso/1> Save No Env

PUT | http://localhost:3001/opintojakso/1

Params Authorization Headers (9) Body Scripts Settings

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

Key	Value
Koodi	SQL101
Lajajuus	1
Nimi	Tietokannat
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 25 ms Size: 383

Pretty Raw Preview

```
1 [{"fieldCount":0,"affectedRows":1,"insertId":0,"info":"Rows matched: 1  Changed: 1  Warnings: 0","serverStatus":2,"warningStatus":0,"changedRows":1}]
```

HTTP <http://localhost:3001/opintojakso/9>

DELETE | http://localhost:3001/opintojakso/9

Params Authorization Headers (7) Body Scripts Settings

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

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Pretty Raw Preview JSON ▾

```
1 [{"fieldCount":0,"affectedRows":1,"insertId":0,"info":"","serverStatus":2,"warningStatus":0,"changedRows":0}]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

```
PS C:\Users\seppa\25KURSSIT\Tietokannat25\viikko7\opintorekisteri> npm start
POST /opintojakso 200 12.655 ms - 108
GET /opintojakso 200 1.938 ms - 802
DELETE /opintojakso/9 200 12.127 ms - 107
GET /opintojakso 200 1.828 ms - 742
[]
```