

Arviointi CRUD-operaatiot:

Get:

http://localhost:3000/arviointi/

Save

No Environment

GET http://localhost:3000/arviointi/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Code Cookies

Query Params

Key	Value
-----	-------

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 20 ms Size: 1.48 KB

Pretty Raw Preview JSON

```
1 {
2   {
3     "idArviointi": 1,
4     "Paivamaara": "2014-09-04T21:00:00.000Z",
5     "Arvosana": 1,
6     "idOpiskelija": 1,
7     "idOpintojakso": 3
8   },
9   {
10    "idArviointi": 2,
11    "Paivamaara": "2014-11-30T22:00:00.000Z",
12    "Arvosana": 1,
13    "idOpiskelija": 1,
14    "idOpintojakso": 5
15  },
16  {
17    "idArviointi": 3,
18    "Paivamaara": "2015-02-11T22:00:00.000Z",
19    "Arvosana": 0,
20    "idOpiskelija": 1,
21    "idOpintojakso": 9
22  },
23 }
```

Post:

http://localhost:3000/arviointi/13

Save

No Environment

POST http://localhost:3000/arviointi/13 Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

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

Key	Value
<input checked="" type="checkbox"/> paivamaara	2014-09-01T12:25:56+09:00
<input checked="" type="checkbox"/> arvosana	4
<input checked="" type="checkbox"/> idOpiskelija	1
<input checked="" type="checkbox"/> idOpintojakso	7
Key	Value

Body Cookies Headers (8) Test Results

Status: 404 Not Found Time: 10 ms Size: 424 B

Pretty Raw Preview HTML

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <title>Error</title>
7 </head>
8
9 <body>
```

Put:

PUT http://localhost:3000/arviointi/4

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

Key	Value
paivamaara	2014-09-01T12:25:56+09:00
arvosana	5
idOpiskelija	2
idOpintojakso	3

Body Cookies Headers (7) Test Results Status: 200 OK Time: 16 ms Size: 383 B

Pretty Raw Preview JSON

```
1 [{"fieldCount": 0,
2   "affectedRows": 1,
3   "insertId": 0,
4   "info": "Rows matched: 1 Changed: 1 Warnings: 1",
5   "serverStatus": 2,
6   "warningStatus": 1,
7   "changedRows": 1}
8 ]
```

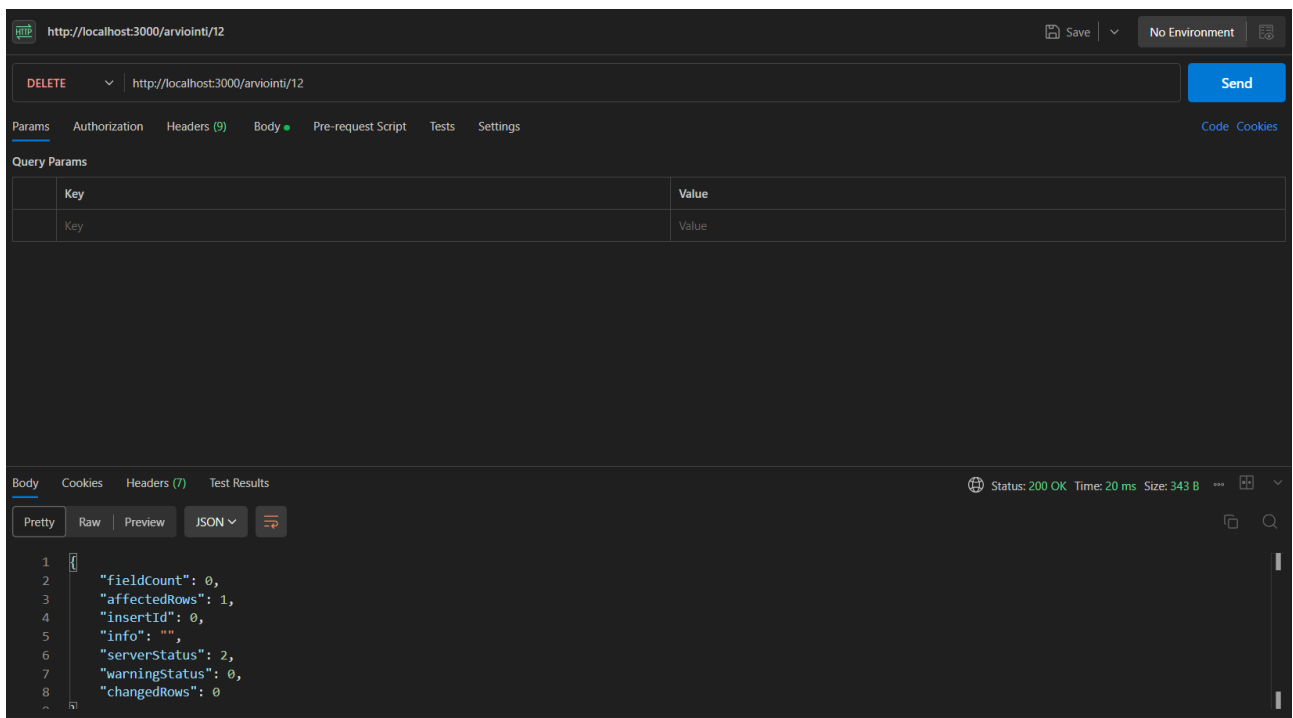
Alkuperäiset arvot:

```
1 [{"
2   {
3     "idArviointi": 4,
4     "Paivamaara": "2014-09-04T21:00:00.000Z",
5     "Arvosana": 4,
6     "idOpiskelija": 2,
7     "idOpintojakso": 3
8   }
9 ]
```

Muutetut arvot:

```
1 [{"
2   {
3     "idArviointi": 4,
4     "Paivamaara": "2014-08-31T21:00:00.000Z",
5     "Arvosana": 5,
6     "idOpiskelija": 2,
7     "idOpintojakso": 3
8   }
9 ]
```

Delete:

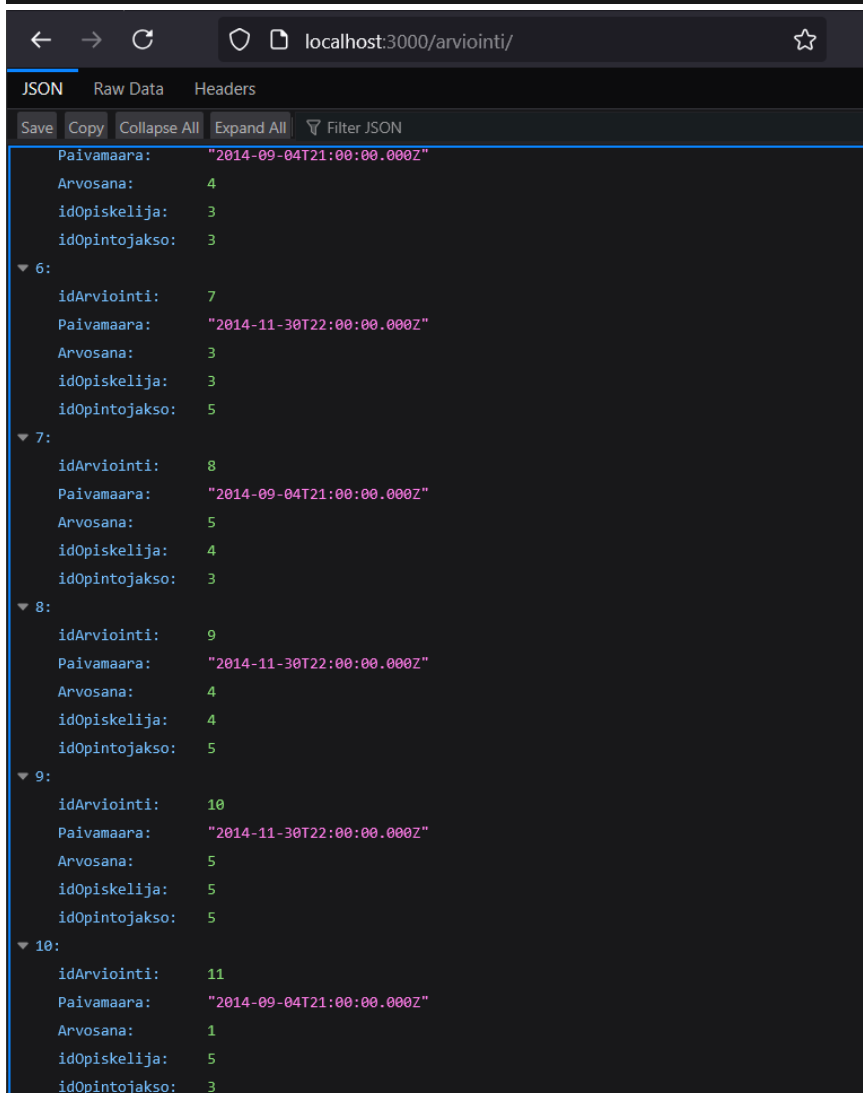


Postman interface showing a DELETE request to `http://localhost:3000/arviointi/12`. The request is configured with the following parameters:

- Method: DELETE
- URL: `http://localhost:3000/arviointi/12`
- Headers (9):
- Body: (Empty)
- Pre-request Script: (Empty)
- Tests: (Empty)
- Settings: (Empty)

The response status is 200 OK, Time: 20 ms, Size: 343 B. The response body is displayed in JSON format:

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



JSON viewer interface showing the response body in a structured format. The data is organized into a list of objects, each representing a record. The records are numbered 1 through 10, and each record contains the following fields:

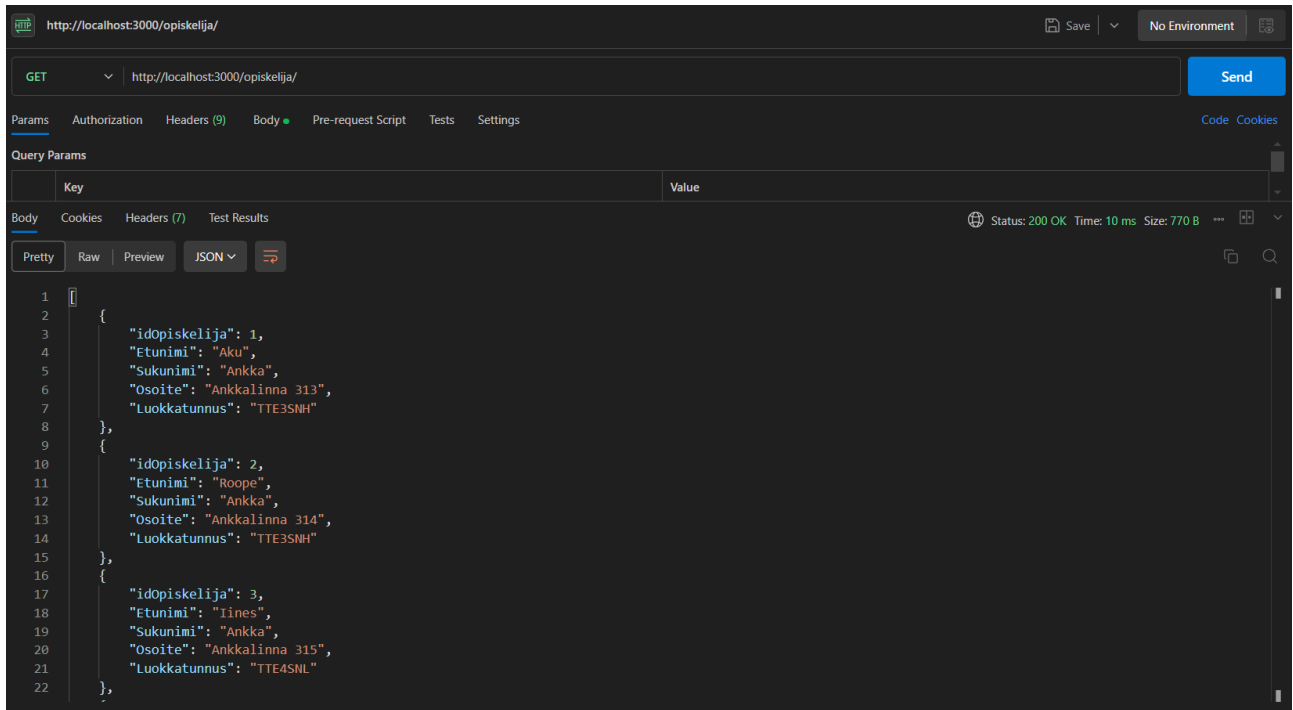
- `idArviointi`: Integer value
- `Paivamaara`: Date string (YYYY-MM-DDTHH:MM:SS.sssZ)
- `Arvosana`: Integer value
- `idOpiskelija`: Integer value
- `idOpintojakso`: Integer value

The records are as follows:

- Record 1: `idArviointi: 7`, `Paivamaara: "2014-11-30T22:00:00.000Z"`, `Arvosana: 3`, `idOpiskelija: 3`, `idOpintojakso: 5`
- Record 2: `idArviointi: 8`, `Paivamaara: "2014-09-04T21:00:00.000Z"`, `Arvosana: 5`, `idOpiskelija: 4`, `idOpintojakso: 3`
- Record 3: `idArviointi: 9`, `Paivamaara: "2014-11-30T22:00:00.000Z"`, `Arvosana: 4`, `idOpiskelija: 4`, `idOpintojakso: 5`
- Record 4: `idArviointi: 10`, `Paivamaara: "2014-11-30T22:00:00.000Z"`, `Arvosana: 5`, `idOpiskelija: 5`, `idOpintojakso: 5`
- Record 5: `idArviointi: 11`, `Paivamaara: "2014-09-04T21:00:00.000Z"`, `Arvosana: 1`, `idOpiskelija: 5`, `idOpintojakso: 3`

Opiskelija CRUD-operaatio:

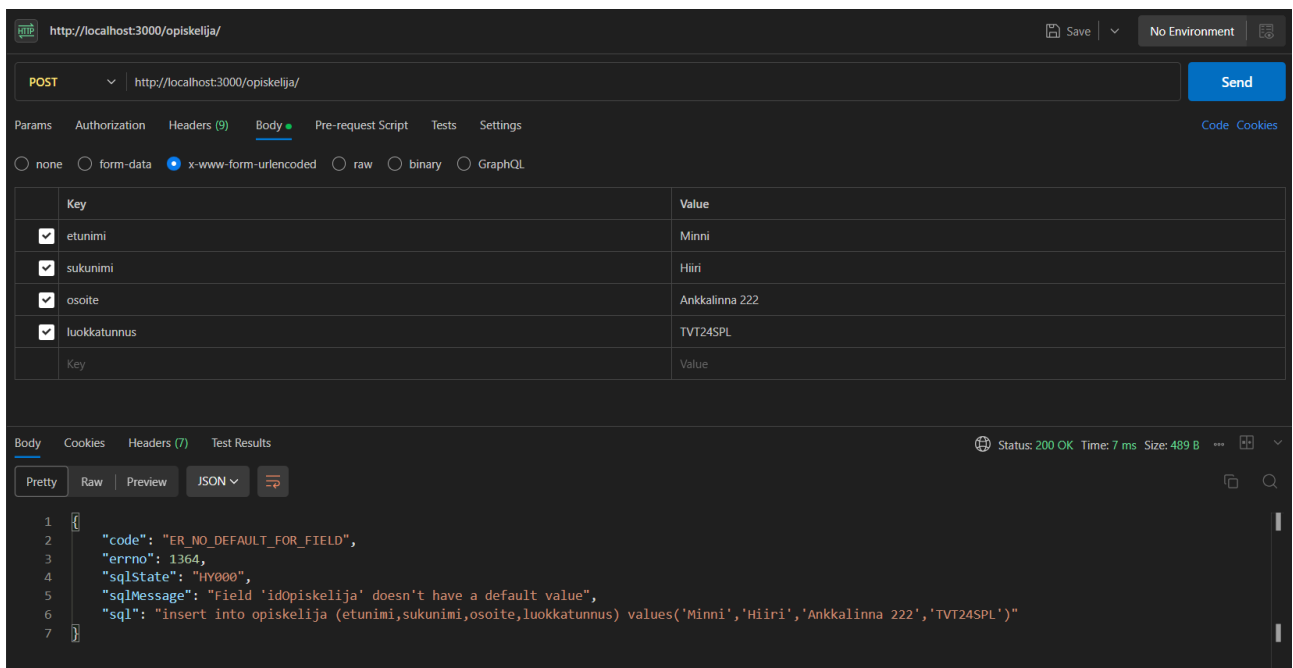
Get:



REST client interface showing a GET request to `http://localhost:3000/opiskelija/`. The response is a JSON array of three student objects.

```
[{"idOpiskelija": 1, "Etunimi": "Aku", "Sukunimi": "Ankka", "Osoite": "Ankkalinn 313", "Luokkatunnus": "TTE3SNH"}, {"idOpiskelija": 2, "Etunimi": "Roope", "Sukunimi": "Ankka", "Osoite": "Ankkalinn 314", "Luokkatunnus": "TTE3SNH"}, {"idOpiskelija": 3, "Etunimi": "Iines", "Sukunimi": "Ankka", "Osoite": "Ankkalinn 315", "Luokkatunnus": "TTE4SNL"}]
```

Post:



REST client interface showing a POST request to `http://localhost:3000/opiskelija/`. The request body is set to `x-www-form-urlencoded` and contains the following data:

Key	Value
etunimi	Minni
sukunimi	Hiiri
osoite	Ankkalinn 222
luokkatunnus	TVT24SPL

The response is a JSON object with an error message:

```
{ "code": "ER_NO_DEFAULT_FOR_FIELD", "errno": 1364, "sqlState": "HY000", "sqlMessage": "Field 'idOpiskelija' doesn't have a default value", "sql": "insert into opiskelija (etunimi,sukunimi,osoite,luokkatunnus) values('Minni','Hiiri','Ankkalinn 222','TVT24SPL')"
```

Put:

http://localhost:3000/opiskelija/1

Save

No Environment

PUT http://localhost:3000/opiskelija/1

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Code Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

Key	Value
<input checked="" type="checkbox"/> etunimi	Aku
<input checked="" type="checkbox"/> sukunimi	Ankka
<input checked="" type="checkbox"/> osoite	Ankkallinna 313
<input checked="" type="checkbox"/> luokkatunnus	TVT24SPL
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 22 ms Size: 383 B

Pretty Raw Preview JSON

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "info": "Rows matched: 1 Changed: 1 Warnings: 0",
6   "serverStatus": 2,
7   "warningStatus": 0,
8   "changedRows": 1
9 }
```

localhost:3000/opiskelija/1

JSON Raw Data Headers

Save Copy Collapse All Expand All Filter JSON

0:

idOpiskelija: 1

Etunimi: "Aku"

Sukunimi: "Ankka"

Osoite: "Ankkallinna 313"

Luokkatunnus: "TVT24SPL"

Delete:

DELETE http://localhost:3000/opiskelija/1

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Query Params

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 26 ms Size: 585 B

Pretty Raw Preview JSON

```
1 {
2   "code": "ER_ROW_IS_REFERENCED_2",
3   "errno": 1451,
4   "sqlState": "23000",
5   "sqlMessage": "Cannot delete or update a parent row: a foreign key constraint fails ('arviointitietokanta`.`arviointi`, CONSTRAINT
6     `fk_Arviointi_Opiskelija1` FOREIGN KEY (`idOpiskelija`) REFERENCES `opiskelija` (`idOpiskelija`))",
7   "sql": "delete from opiskelija where idOpiskelija='1'"
8 }
```

Opintojakso CRUD-operaatiot:

Get:

GET http://localhost:3000/opintojakso/

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Query Params

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 13 ms Size: 848 B

Pretty Raw Preview JSON

```
1 [
2   {
3     "idOpintojakso": 3,
4     "koodi": "T20041",
5     "laajuus": 3,
6     "nimi": "Tietokannat"
7   },
8   {
9     "idOpintojakso": 4,
10    "koodi": "T20042",
11    "laajuus": 3,
12    "nimi": "Liike-elaman tapatietous"
13  },
14  {
15    "idOpintojakso": 5,
16    "koodi": "T20043",
17    "laajuus": 3,
18    "nimi": "Fysiikka 3"
19  },
20  {
21    "idOpintojakso": 6,
22    "koodi": "T20044",
23    "laajuus": 3,
24    "nimi": "Fysiikka 4"
25  },
26  {
27    "idOpintojakso": 7,
28    "koodi": "T20045",
29    "laajuus": 3,
30    "nimi": "Fysiikka 5"
31  },
32  {
33    "idOpintojakso": 8,
34    "koodi": "T20046",
35    "laajuus": 3,
36    "nimi": "Fysiikka 6"
37  }
38 ]
```

Post:

URL: <http://localhost:3000/opintojakso/> Save No Environment

Method: POST | [Send](#)

Params | Authorization | Headers (9) | **Body** | Pre-request Script | Tests | Settings | [Code](#) | [Cookies](#)

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

Key	Value
<input checked="" type="checkbox"/> koodi	T20123
<input checked="" type="checkbox"/> laajuus	5
<input checked="" type="checkbox"/> nimi	Matematiikka 1
Key	Value

Body | Cookies | Headers (7) | Test Results | Status: 200 OK Time: 68 ms Size: 459 B

Pretty | Raw | Preview | JSON |

```
1 {
2   "code": "ER_NO_DEFAULT_FOR_FIELD",
3   "errno": 1364,
4   "sqlState": "HY000",
5   "sqlMessage": "Field 'idopintojakso' doesn't have a default value",
6   "sql": "insert into opintojakso (koodi,laajuus,nimi) values('T20123','5','Matematiikka 1')"
7 }
```

Put:

URL: <http://localhost:3000/opintojakso/5> Save No Environment

Method: PUT | [Send](#)

Params | Authorization | Headers (9) | **Body** | Pre-request Script | Tests | Settings | [Code](#) | [Cookies](#)

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

Key	Value
<input checked="" type="checkbox"/> koodi	T20123
<input checked="" type="checkbox"/> laajuus	5
<input checked="" type="checkbox"/> nimi	Matematiikka 1
Key	Value

Body | Cookies | Headers (7) | Test Results | Status: 200 OK Time: 59 ms Size: 383 B

Pretty | Raw | Preview | JSON |

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "info": "Rows matched: 1 Changed: 1 Warnings: 0",
6   "serverStatus": 2,
7   "warningStatus": 0,
8   "changedRows": 1
9 }
```

Alkuperäiset arvot:

A screenshot of a web browser displaying a REST client interface. The address bar shows 'localhost:3000/opintojakso/5'. The 'JSON' tab is selected, showing the following data:

```
{  "idOpintojakso": 5,  "Koodi": "T20043",  "Laajuus": 3,  "Nimi": "Fysiikka 3"}
```

Muutetut arvot:

A screenshot of a web browser displaying the same REST client interface. The address bar shows 'localhost:3000/opintojakso/5'. The 'JSON' tab is selected, showing the modified data:

```
{  "idOpintojakso": 5,  "Koodi": "T20123",  "Laajuus": 5,  "Nimi": "Matematiikka 1"}
```


Delete:

← → ↻ 🛡️ 📄 localhost:3000/opintojakso/ ☆

JSON Raw Data Headers

Save Copy Collapse All Expand All 🔍 Filter JSON

```
[{"idOpintojakso": 4, "Koodi": "T20042", "Laajuus": 3, "Nimi": "Liike-elaman tapatietous"}, {"idOpintojakso": 5, "Koodi": "T20123", "Laajuus": 5, "Nimi": "Matematiikka 1"}, {"idOpintojakso": 6, "Koodi": "T20044", "Laajuus": 6, "Nimi": "Elektroniikan perusteet"}, {"idOpintojakso": 7, "Koodi": "T20045", "Laajuus": 10, "Nimi": "Tietotekniikan sovellusprojekti"}, {"idOpintojakso": 8, "Koodi": "T20046", "Laajuus": 3, "Nimi": "Matematiikka 2"}, {"idOpintojakso": 9, "Koodi": "T20047", "Laajuus": 3, "Nimi": "Ruotsin kieli"}, {"idOpintojakso": 10, "Koodi": "T20048", "Laajuus": 3, "Nimi": "VHDL-kieli"}]
```

