

# Τέταρτη Άσκηση στο μάθημα Δικτυακός Προγραμματισμός.

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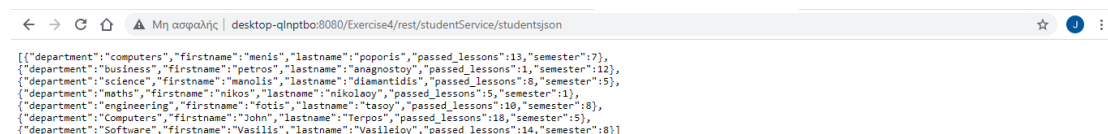
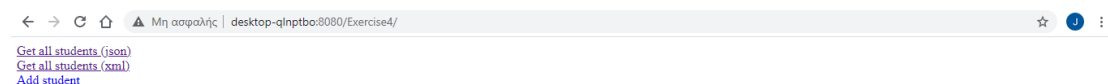
Ονοματεπώνυμο: Ιωάννης Τέρπος

Αριθμό Μητρώου: 18390208

Εξάμηνο: Ε

Τμήμα Παρακολούθησης: ΔΠΖ2 (Τετάρτη 10-12)

## 1. Screenshots με τρεξίματα του project Exercise4



← → ↻ 🏠 ⚠ Μη ασφαλής | desktop-qlnptbo:8080/Exercise4/rest/studentService/students

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0"?>
<studentss>
  <student>
    <department>computers</department>
    <firstname>menis</firstname>
    <lastname>poporis</lastname>
    <passed_lessons>13</passed_lessons>
    <semester>7</semester>
  </student>
  <student>
    <department>business</department>
    <firstname>petros</firstname>
    <lastname>anagnostoy</lastname>
    <passed_lessons>1</passed_lessons>
    <semester>12</semester>
  </student>
  <student>
    <department>science</department>
    <firstname>manolis</firstname>
    <lastname>diamantidis</lastname>
    <passed_lessons>8</passed_lessons>
    <semester>5</semester>
  </student>
  <student>
    <department>maths</department>
    <firstname>nikos</firstname>
    <lastname>nikolaoy</lastname>
    <passed_lessons>5</passed_lessons>
    <semester>1</semester>
  </student>
  <student>
    <department>engineering</department>
    <firstname>fotis</firstname>
    <lastname>tasoy</lastname>
    <passed_lessons>10</passed_lessons>
    <semester>8</semester>
  </student>
  <student>
    <department>Computers</department>
    <firstname>John</firstname>
    <lastname>Terpos</lastname>
    <passed_lessons>18</passed_lessons>
  </student>
</studentss>
```

← → ↻ 🏠 ⚠ Μη ασφαλής | desktop-qlnptbo:8080/Exercise4/rest/studentService/students

```
<?xml version="1.0"?>
<student>
  <student>
    <department>business</department>
    <firstname>petros</firstname>
    <lastname>anagnostoy</lastname>
    <passed_lessons>1</passed_lessons>
    <semester>12</semester>
  </student>
  <student>
    <department>science</department>
    <firstname>manolis</firstname>
    <lastname>diamantidis</lastname>
    <passed_lessons>8</passed_lessons>
    <semester>5</semester>
  </student>
  <student>
    <department>maths</department>
    <firstname>nikos</firstname>
    <lastname>nikolaoy</lastname>
    <passed_lessons>5</passed_lessons>
    <semester>1</semester>
  </student>
  <student>
    <department>engineering</department>
    <firstname>fotis</firstname>
    <lastname>tasoy</lastname>
    <passed_lessons>10</passed_lessons>
    <semester>8</semester>
  </student>
  <student>
    <department>Computers</department>
    <firstname>John</firstname>
    <lastname>Terpos</lastname>
    <passed_lessons>18</passed_lessons>
    <semester>5</semester>
  </student>
  <student>
    <department>Software</department>
    <firstname>Vasilis</firstname>
    <lastname>Vasileioly</lastname>
    <passed_lessons>14</passed_lessons>
    <semester>8</semester>
  </student>
</student>
```

**Add student**

Enter Firstname:

Enter Lastname:

Enter Department:

Enter Semester:

Enter Passed Lessons:

**success**

Postman

File Edit View Help

+ New Import Runner My Workspace Invite

Filter

History Collections APIs

Save Responses Clear all

Today

- GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students/Deli
- GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students
- PUT http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students/Deli
- GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students/Deli
- GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students
- PUT http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students
- PUT http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students
- GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students
- GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students/Deli
- GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students

Untitled Request

GET http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students/Deli

Send Save

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies Code

Accept Accept-Encoding Connection

Key Value Description

Body Cookies Headers (4) Test Results

Status: 200 OK Time: 46 ms Size: 449 B Save Response

Pretty Raw Preview Visualize XML

```

1 <?xml version="1.0" encoding="UTF-8" standalone="yes">
2 <student>
3   <department>Computers</department>
4   <firstname>Chris</firstname>
5   <lastname>Deli</lastname>
6   <passed_lessons>12</passed_lessons>
7   <semester>5</semester>
8 </student>

```

Find and Replace Console

Bootcamp Build Browse

Untitled Request

PUT http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students

Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Code

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

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> firstname	Chris			
<input checked="" type="checkbox"/> lastname	Deli			
<input checked="" type="checkbox"/> department	Computers			
<input checked="" type="checkbox"/> semester	7			
<input checked="" type="checkbox"/> passedlessons	18			
Key	Value	Description		

Body Cookies Headers (4) Test Results

Status: 200 OK Time: 67 ms Size: 240 B Save Response

Pretty Raw Preview Visualize HTML

```

1 <h3>success</h3>

```

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← .au... PUT h... DEL h... GET h... GET h... PUT h... GET h... GET h... → + ... No Environment

Untitled Request BUILD

DELETE http://desktop-qlnptbo:8080/Exercise4/rest/studentService/students/Vasileioy Send Save

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies Code

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

This request does not have a body

Body Cookies Headers (4) Test Results Status: 200 OK Time: 46 ms Size: 240 B Save Response

Pretty Raw Preview Visualize HTML

```
1 <h3>success</h3>
```

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← → ↺ ⌂ Μη ασφαλής desktop-qlnptbo:8080/Exercise4/rest/studentService/studentsjson ☆ ⓘ ⋮

```
[{"department":"computers","firstname":"menis","lastname":"poporis","passed_lessons":13,"semester":7}, {"department":"business","firstname":"petros","lastname":"anagnostoy","passed_lessons":1,"semester":12}, {"department":"science","firstname":"manolis","lastname":"diamantidis","passed_lessons":8,"semester":5}, {"department":"maths","firstname":"nikos","lastname":"nikolaoy","passed_lessons":5,"semester":1}, {"department":"engineering","firstname":"fotis","lastname":"tasoy","passed_lessons":10,"semester":8}, {"department":"Computers","firstname":"John","lastname":"Terpos","passed_lessons":18,"semester":5}, {"department":"Computers","firstname":"Chris","lastname":"Deli","passed_lessons":18,"semester":7}]
```

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0"?>
<students>
  <student>
    <department>computers</department>
    <firstname>menis</firstname>
    <lastname>popolis</lastname>
    <passed_lessons>13</passed_lessons>
    <semester>7</semester>
  </student>
  <student>
    <department>business</department>
    <firstname>petros</firstname>
    <lastname>anagnostoy</lastname>
    <passed_lessons>1</passed_lessons>
    <semester>12</semester>
  </student>
  <student>
    <department>science</department>
    <firstname>manolis</firstname>
    <lastname>diamantidis</lastname>
    <passed_lessons>8</passed_lessons>
    <semester>5</semester>
  </student>
  <student>
    <department>maths</department>
    <firstname>nikos</firstname>
    <lastname>nikolaoy</lastname>
    <passed_lessons>5</passed_lessons>
    <semester>1</semester>
  </student>
  <student>
    <department>engineering</department>
    <firstname>fotis</firstname>
    <lastname>tasoy</lastname>
    <passed_lessons>10</passed_lessons>
    <semester>8</semester>
  </student>
  <student>
    <department>Computers</department>
    <firstname>John</firstname>
    <lastname>Terpos</lastname>
    <passed_lessons>18</passed_lessons>
  </student>
</students>
```

← → ↺ ⌂ Μη αναζητή desktop-qlnptbo:8080/Exercise4/rest/studentService/students

```
<?xml version="1.0"?>
<students>
  <student>
    <department>business</department>
    <firstname>petros</firstname>
    <lastname>anagnostoy</lastname>
    <passed_lessons>1</passed_lessons>
    <semester>12</semester>
  </student>
  <student>
    <department>science</department>
    <firstname>manolis</firstname>
    <lastname>diamantidis</lastname>
    <passed_lessons>8</passed_lessons>
    <semester>5</semester>
  </student>
  <student>
    <department>maths</department>
    <firstname>nikos</firstname>
    <lastname>nikolaoy</lastname>
    <passed_lessons>5</passed_lessons>
    <semester>1</semester>
  </student>
  <student>
    <department>engineering</department>
    <firstname>fotis</firstname>
    <lastname>tasoy</lastname>
    <passed_lessons>10</passed_lessons>
    <semester>8</semester>
  </student>
  <student>
    <department>Computers</department>
    <firstname>John</firstname>
    <lastname>Terpos</lastname>
    <passed_lessons>18</passed_lessons>
    <semester>5</semester>
  </student>
  <student>
    <department>Computers</department>
    <firstname>Chris</firstname>
    <lastname>Delic</lastname>
    <passed_lessons>18</passed_lessons>
    <semester>7</semester>
  </student>
</students>
```