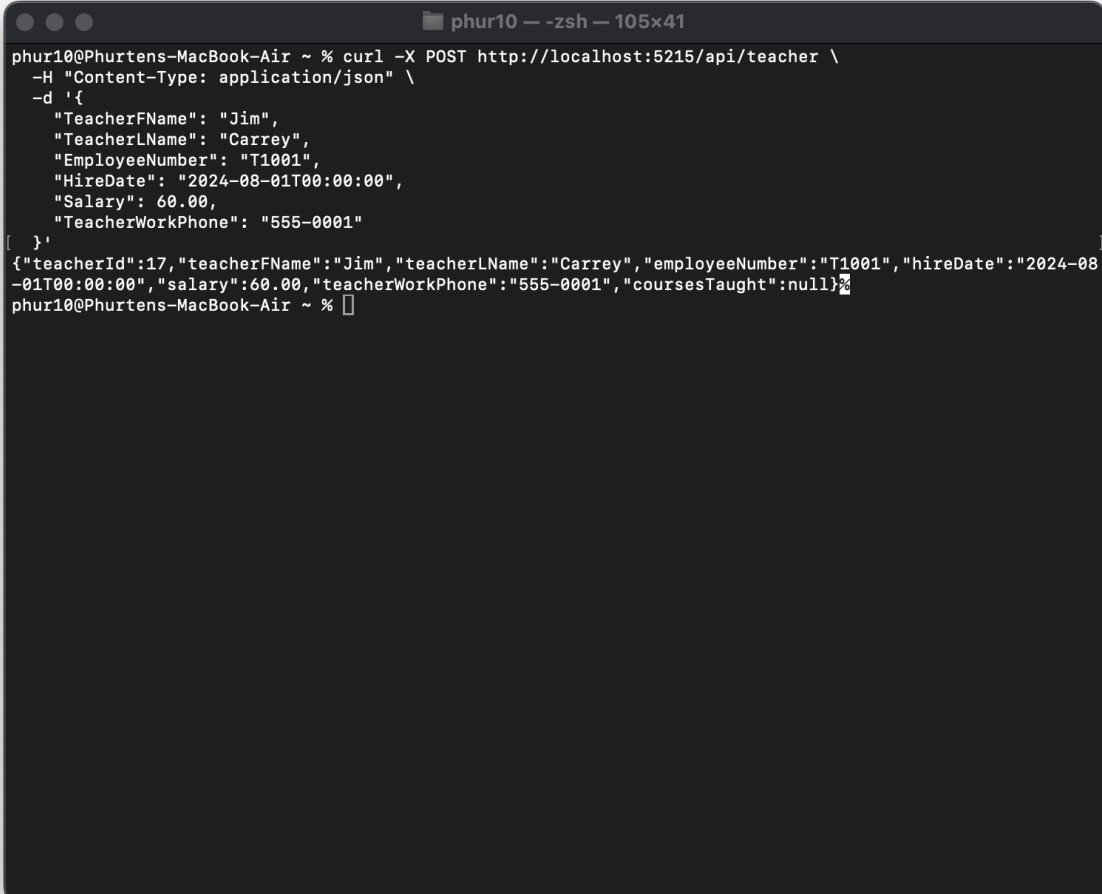# C# Cumulative 2 Testing Screenshots
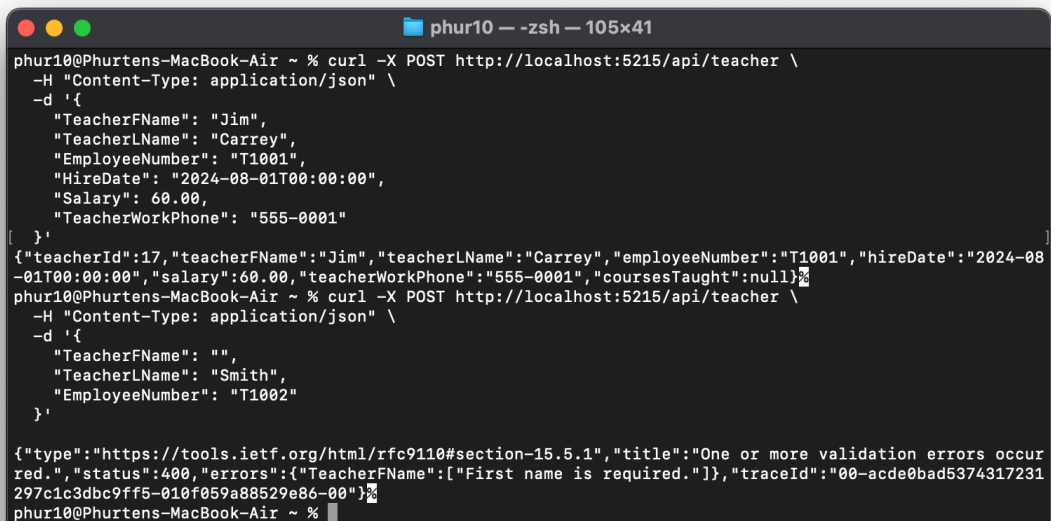
Test Add API:

1. **Valid Add**

curl -X POST http://localhost:5215/api/teacher \
 -H "Content-Type: application/json" \
 -d '{
   "TeacherFName": "Jim",
   "TeacherLName": "Carrey",
   "EmployeeNumber": "T1001",
   "HireDate": "2024-08-01T00:00:00",
   "Salary": 60.00,
   "TeacherWorkPhone": "555-0001"
 }'

2. Missing Required Field

```
curl -X POST http://localhost:5215/api/teacher \
 -H "Content-Type: application/json" \
 -d '{
   "TeacherFName": "",
   "TeacherLName": "Smith",
   "EmployeeNumber": "T1002"
 }'
```

phur10@Phurtens-MacBook-Air ~ % curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "Jim",
    "TeacherLName": "Carrey",
    "EmployeeNumber": "T1001",
    "HireDate": "2024-08-01T00:00:00",
    "Salary": 60.00,
    "TeacherWorkPhone": "555-0001"
  }'
[   ]
{"teacherId":17,"teacherFName":"Jim","teacherLName":"Carrey","employeeNumber":"T1001","hireDate":"2024-08
-01T00:00:00","salary":60.00,"teacherWorkPhone":"555-0001","coursesTaught":null}%
phur10@Phurtens-MacBook-Air ~ % curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "",
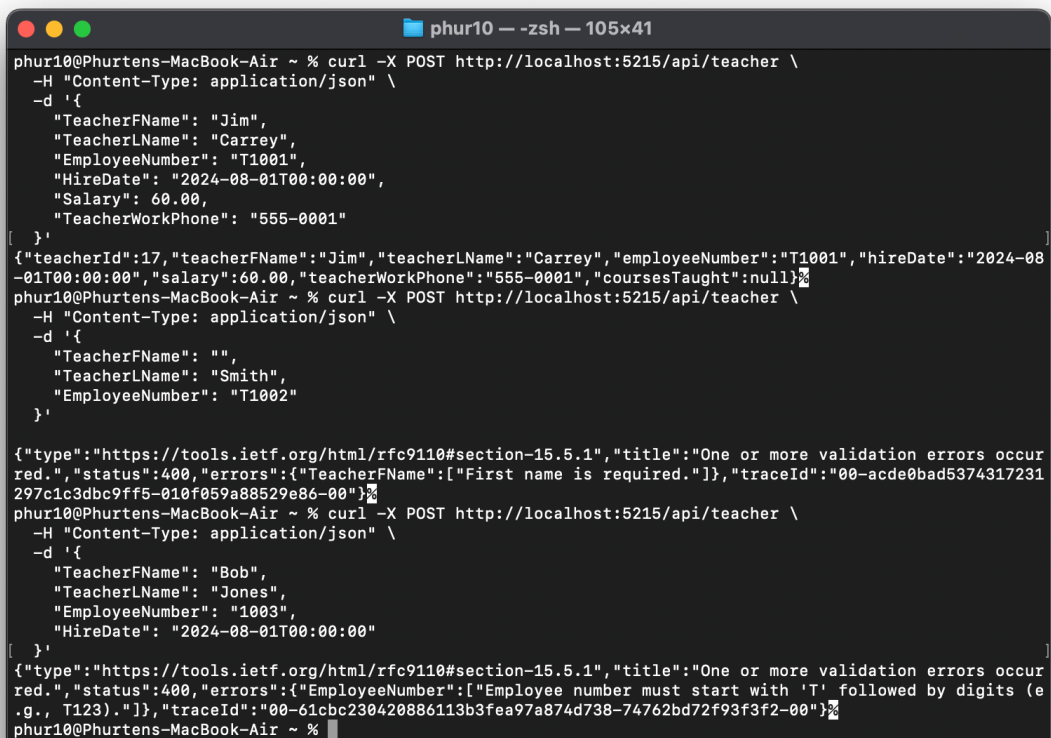   "TeacherLName": "Smith",
    "EmployeeNumber": "T1002"
  }'

{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.1","title":"One or more validation errors occur
red.","status":400,"errors":{"TeacherFName":["First name is required."]},"traceId":"00-acde0bad5374317231
297c1c3dbc9ff5-010f059a88529e86-00"}%
phur10@Phurtens-MacBook-Air ~ %

3. Invalid Employee Number Format
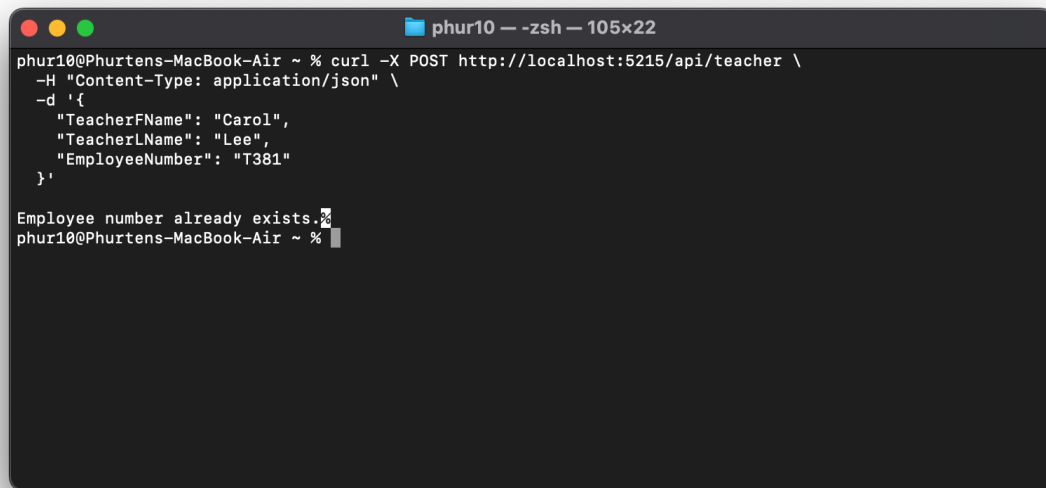
```
curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "Bob",
    "TeacherLName": "Jones",
    "EmployeeNumber": "1003",
    "HireDate": "2024-08-01T00:00:00"
  }'
```

phur10@Phurtens-MacBook-Air ~ % curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "Jim",
    "TeacherLName": "Carrey",
    "EmployeeNumber": "T1001",
    "HireDate": "2024-08-01T00:00:00",
    "Salary": 60.00,
    "TeacherWorkPhone": "555-0001"
[}'   ]
{"teacherId":17,"teacherFName":"Jim","teacherLName":"Carrey","employeeNumber":"T1001","hireDate":"2024-08
-01T00:00:00","salary":60.00,"teacherWorkPhone":"555-0001","coursesTaught":null}%
phur10@Phurtens-MacBook-Air ~ % curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "",
    "TeacherLName": "Smith",
    "EmployeeNumber": "T1002"
  }'

{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.1","title":"One or more validation errors occur
red.","status":400,"errors":{"TeacherFName":["First name is required."]},"traceId":"00-acde0bad5374317231
297c1c3dbc9ff5-010f059a88529e86-00"}%
phur10@Phurtens-MacBook-Air ~ % curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "Bob",
    "TeacherLName": "Jones",
    "EmployeeNumber": "1003",
    "HireDate": "2024-08-01T00:00:00"
[}'   ]
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.1","title":"One or more validation errors occur
red.","status":400,"errors":{"EmployeeNumber":["Employee number must start with 'T' followed by digits (e
.g., T123)."]},"traceId":"00-61cbc230420886113b3fea97a874d738-74762bd72f93f3f2-00"}%
phur10@Phurtens-MacBook-Air ~ %
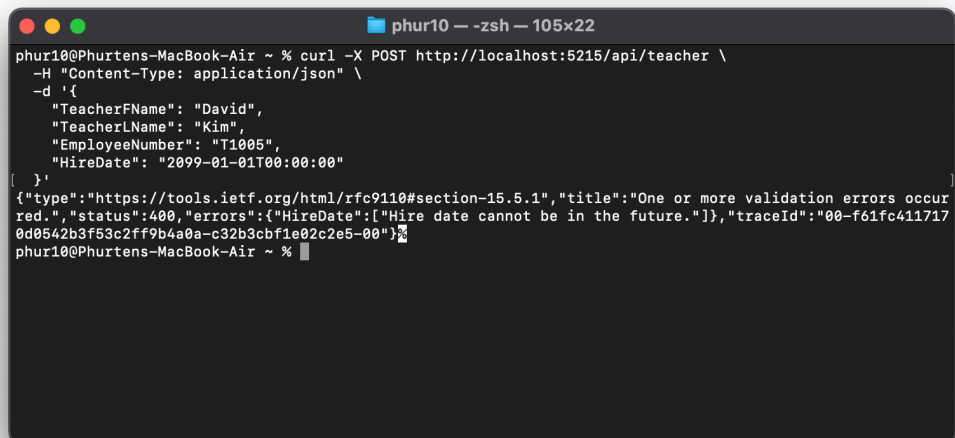
4. Duplicate Employee Number

```
curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "Carol",
    "TeacherLName": "Lee",
    "EmployeeNumber": "T381"
  }'
```

```
● ● ●                    📁 phur10 — -zsh — 105×22
phur10@Phurtens-MacBook-Air ~ % curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "Carol",
    "TeacherLName": "Lee",
    "EmployeeNumber": "T381"
  }'

Employee number already exists.%
phur10@Phurtens-MacBook-Air ~ %
```
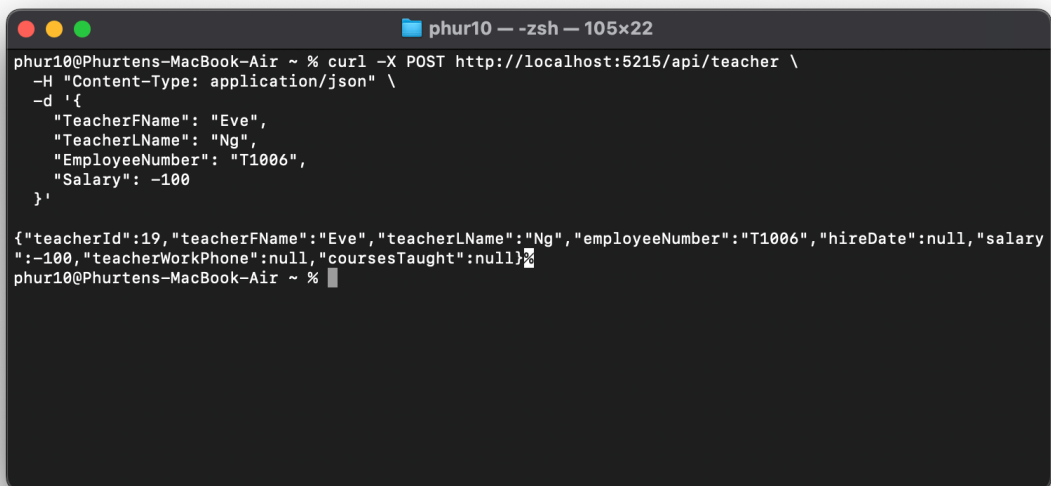
5. Hire Date in the Future

```
curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "David",
    "TeacherLName": "Kim",
    "EmployeeNumber": "T1005",
    "HireDate": "2099-01-01T00:00:00"
  }'
```
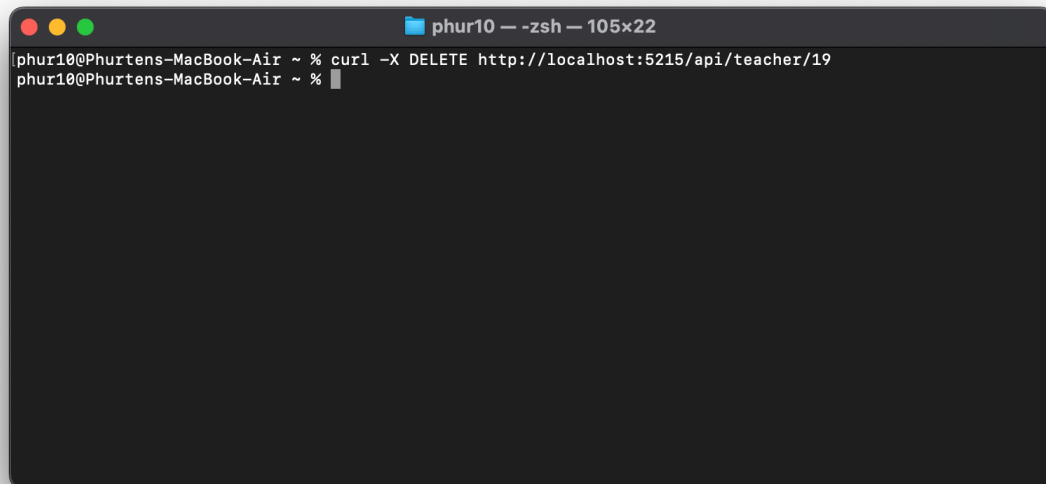
6. Negative Salary

```
curl -X POST http://localhost:5215/api/teacher \
  -H "Content-Type: application/json" \
  -d '{
    "TeacherFName": "Eve",
    "TeacherLName": "Ng",
    "EmployeeNumber": "T1006",
    "Salary": -100
  }'
```
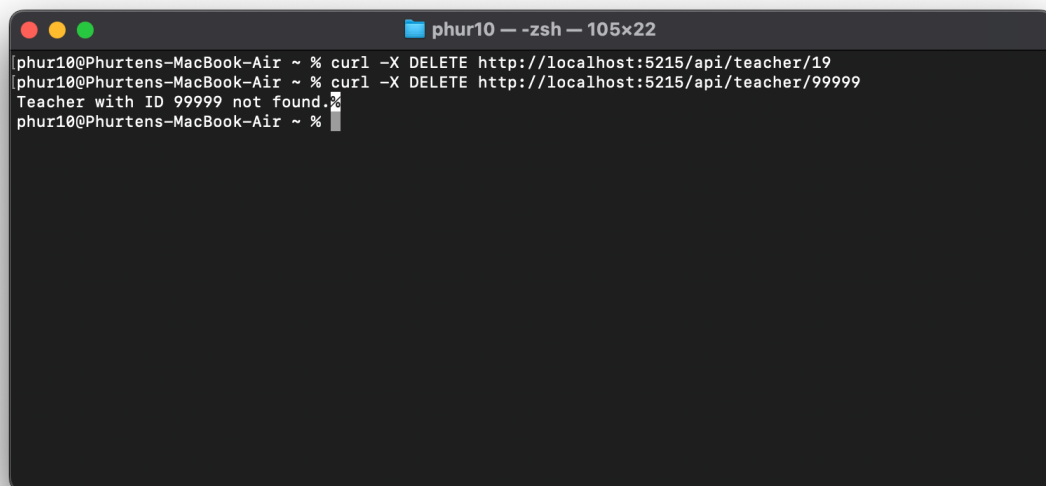
Test Delete API

curl -X DELETE http://localhost:5215/api/teacher/19

```
[phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/19
phur10@Phurtens-MacBook-Air ~ %
```

curl -X DELETE http://localhost:5215/api/teacher/99999

```
[phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/19
[phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/99999
Teacher with ID 99999 not found.%
phur10@Phurtens-MacBook-Air ~ %
```

curl -X DELETE http://localhost:5215/api/teacher/abc

```
[phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/19          ]
[phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/99999        ]
[Teacher with ID 99999 not found.%                                                             ]
phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/abc
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.1","title":"One or more validation errors occur
red.","status":400,"errors":{"id":["The value 'abc' is not valid."]},"traceId":"00-7096a6393325b023858598
85736bddb4-f1171ff52eb6e24e-00"}%
phur10@Phurtens-MacBook-Air ~ %
```

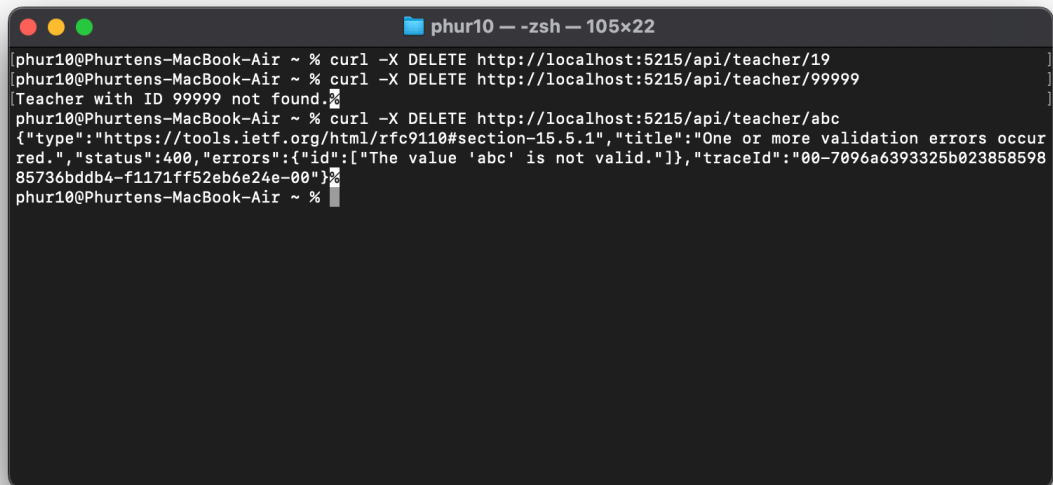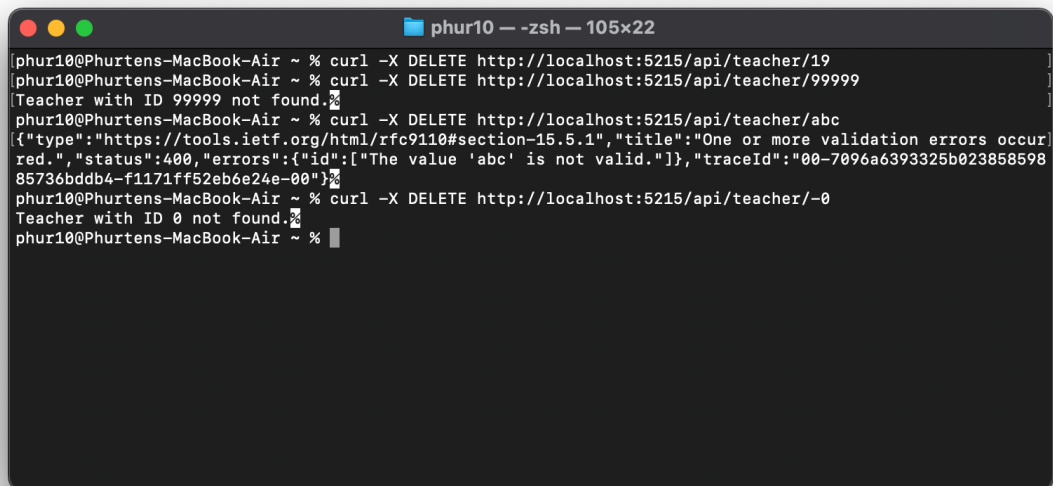curl -X DELETE http://localhost:5215/api/teacher/-0

```
[phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/19          ]
[phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/99999        ]
[Teacher with ID 99999 not found.%                                                             ]
phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/abc
[{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.1","title":"One or more validation errors occur]
red.","status":400,"errors":{"id":["The value 'abc' is not valid."]},"traceId":"00-7096a6393325b023858598
85736bddb4-f1171ff52eb6e24e-00"}%
phur10@Phurtens-MacBook-Air ~ % curl -X DELETE http://localhost:5215/api/teacher/-0
Teacher with ID 0 not found.%
phur10@Phurtens-MacBook-Air ~ %
```

Web Add Page

Add New Teacher

TeacherFName

TeacherLName

EmployeeNumber

HireDate

08/01/2025

Salary

TeacherWorkPhone

Create   Cancel

Add New Teacher

TeacherFName

First name is required.
TeacherLName

Last name is required.
EmployeeNumber

Employee number is required.
HireDate

08/02/2025

Hire date cannot be in the future.
Salary

TeacherWorkPhone

Create   Cancel

Delete Confirm Page

Delete Teacher

Are you sure you want to delete this teacher?

First Name	Jim
Last Name	Carrey
Employee Number	T1001
Hire Date	2024-08-01
Salary	60.00

Delete Cancel

Search by Hiring Date

Teachers List

Add New Teacher

Hire Date From:

01/01/2016

To:

08/02/2025

Search

First Name	Last Name	Employee Number	Hire Date	Salary	Work Phone	Actions
Alexander	Bennett	T378	2016-08-05	55.30		Details Delete
Caitlin	Cummings	T381	2014-06-10	62.77		Details Delete
Linda	Chan	T382	2015-08-22	60.22		Details Delete
Lauren	Smith	T385	2014-06-22	74.20		Details Delete
Jessica	Morris	T389	2012-06-04	48.62		Details Delete
Thomas	Hawkins	T393	2016-08-10	54.45		Details Delete
Shannon	Barton	T397	2013-08-04	64.70		Details Delete
Dana	Ford	T401	2014-06-26	71.15		Details Delete
Cody	Holland	T403	2016-06-13	43.20		Details Delete
John	Taram	T505	2015-10-23	79.63		Details Delete
Test	User	T999	2024-08-01	55.00		Details Delete
Jim	Carrey	T1001	2024-08-01	60.00		Details Delete

Teachers List

Add New Teacher

Hire Date From:

08/01/2025

To:

08/01/2025

Search

First Name	Last Name	Employee Number	Hire Date	Salary	Work Phone	Actions
Alexander	Bennett	T378	2016-08-05	55.30		Details Delete
Thomas	Hawkins	T393	2016-08-10	54.45		Details Delete
Cody	Holland	T403	2016-06-13	43.20		Details Delete
Test	User	T999	2024-08-01	55.00	555-1234	Details Delete
Jim	Carrey	T1001	2024-08-01	60.00	555-0001	Details Delete