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Year & Section: BSIT-4D

Subject code: ITEC116

Assignment 4 and 5

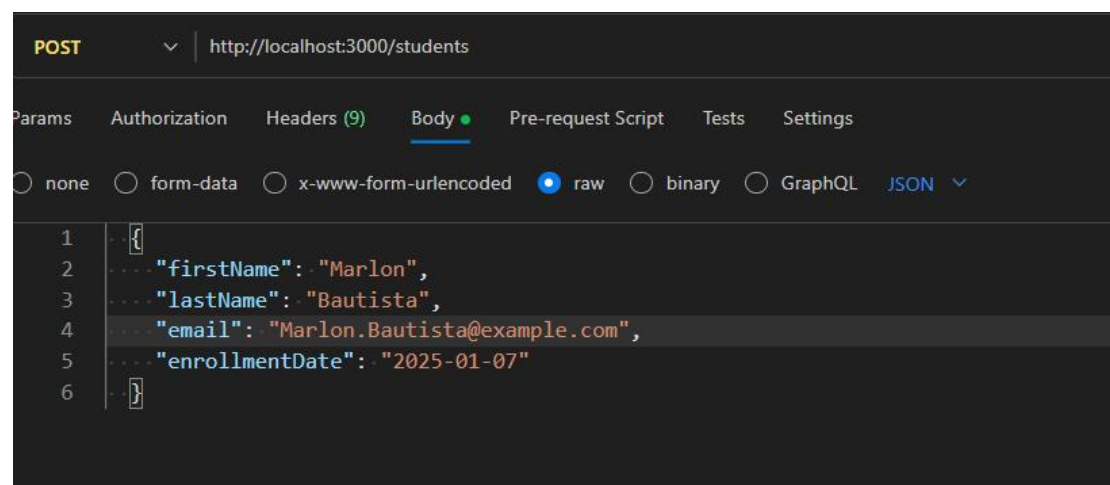
API Documentation

1. Create Student

Method: POST

Endpoint: /students

Request Body:

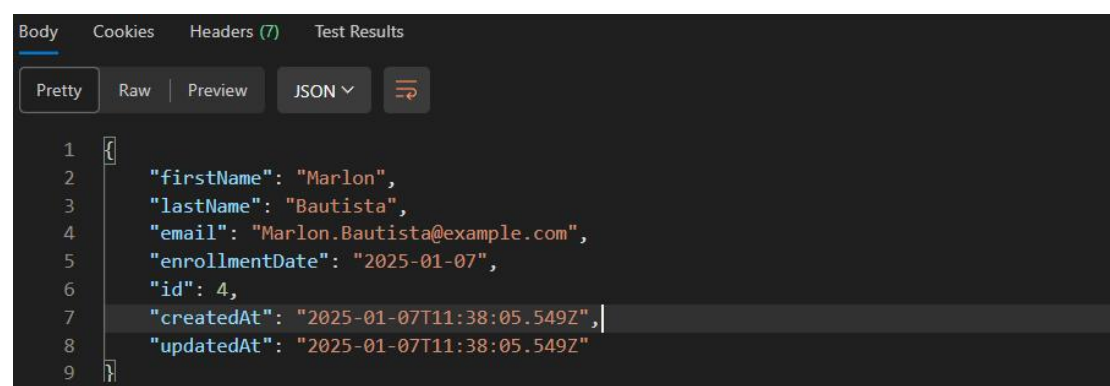


The screenshot shows a REST client interface with a POST request to `http://localhost:3000/students`. The 'Body' tab is selected, and the request body is a JSON object with the following fields: `firstName`, `lastName`, `email`, and `enrollmentDate`.

```
1 {  
2   "firstName": "Marlon",  
3   "lastName": "Bautista",  
4   "email": "Marlon.Bautista@example.com",  
5   "enrollmentDate": "2025-01-07"  
6 }
```

Status: 201

Response:



The screenshot shows the 'Body' tab of the REST client displaying the response of the POST request. The response is a JSON object with the following fields: `firstName`, `lastName`, `email`, `enrollmentDate`, `id`, `createdAt`, and `updatedAt`.

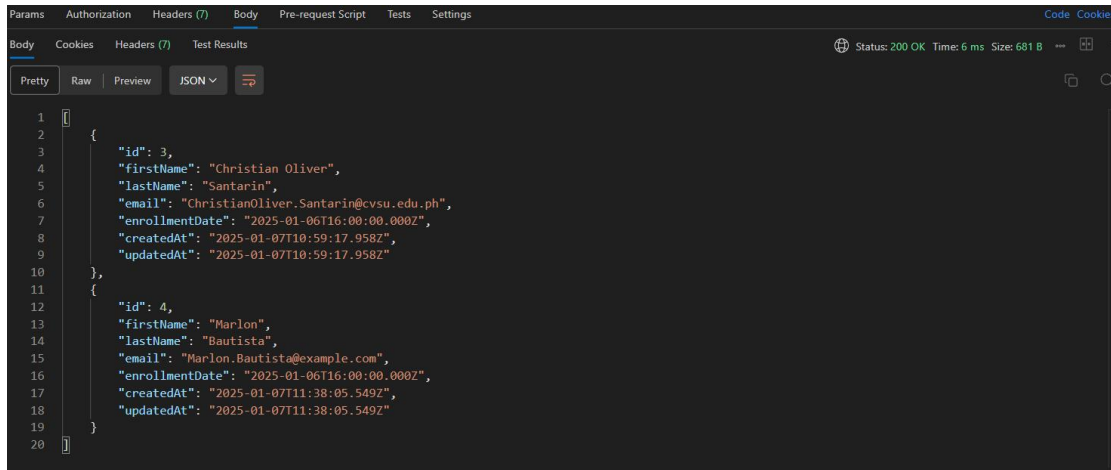
```
1 {  
2   "firstName": "Marlon",  
3   "lastName": "Bautista",  
4   "email": "Marlon.Bautista@example.com",  
5   "enrollmentDate": "2025-01-07",  
6   "id": 4,  
7   "createdAt": "2025-01-07T11:38:05.549Z",  
8   "updatedAt": "2025-01-07T11:38:05.549Z"  
9 }
```

2. Get all students

Method: GET

Endpoint: /students

Response:



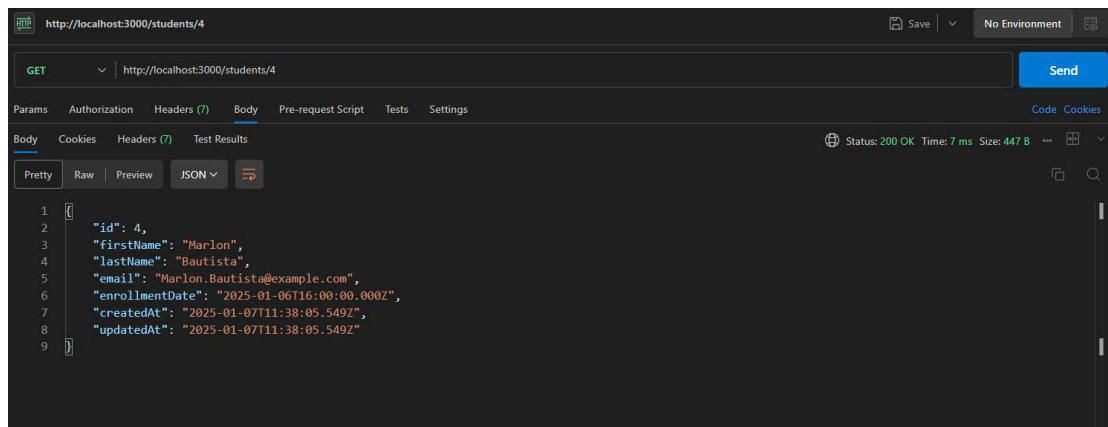
```
1 {
2   {
3     "id": 3,
4     "firstName": "Christian Oliver",
5     "lastName": "Santarin",
6     "email": "ChristianOliver.Santarin@cvsu.edu.ph",
7     "enrollmentDate": "2025-01-06T16:00:00.000Z",
8     "createdAt": "2025-01-07T10:59:17.958Z",
9     "updatedAt": "2025-01-07T10:59:17.958Z"
10  },
11  {
12    "id": 4,
13    "firstName": "Marlon",
14    "lastName": "Bautista",
15    "email": "Marlon.Bautista@example.com",
16    "enrollmentDate": "2025-01-06T16:00:00.000Z",
17    "createdAt": "2025-01-07T11:38:05.549Z",
18    "updatedAt": "2025-01-07T11:38:05.549Z"
19  }
20 }
```

3. Get specific student by ID

Method: GET

Endpoint: /students/:id

Response:



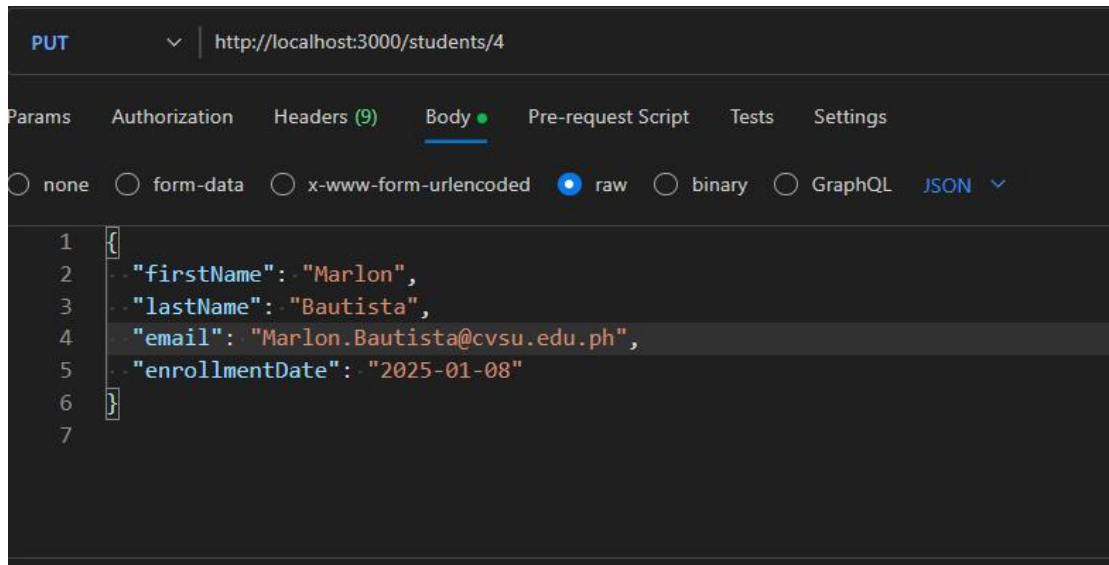
```
1 {
2   "id": 4,
3   "firstName": "Marlon",
4   "lastName": "Bautista",
5   "email": "Marlon.Bautista@example.com",
6   "enrollmentDate": "2025-01-06T16:00:00.000Z",
7   "createdAt": "2025-01-07T11:38:05.549Z",
8   "updatedAt": "2025-01-07T11:38:05.549Z"
9 }
```

4. Update Student by ID

Method: PUT

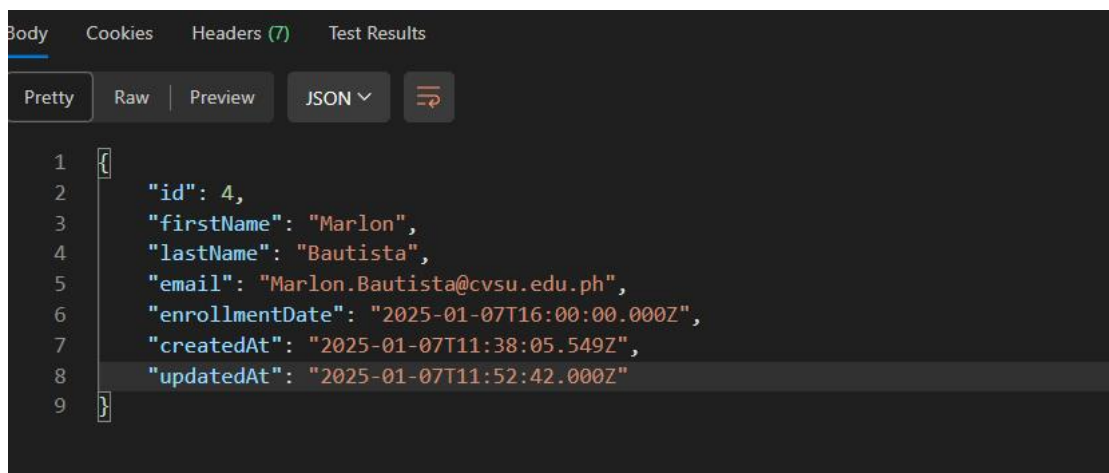
Endpoint: /students/:ID

Request body:



Status: 200

Response:



5. Delete student by ID

Method: DELETE

Endpoint: /students/:ID

Status: 200

Response:

