Exercise: Using HTTP Methods

You are building a client that interacts with a student record system. Student record #1442 has the following properties:

```
{
  "id": "1442"
  "firstName" : "Kyle",
  "lastName": "Dannerington",
  "age": "21",
  "classes": [
    {
        "id" : "19992"
        "name" : "mathematics",
        "room" : "4429"
    }
  ]
}
```

Given the following resources and interactions
1. Determine the best HTTP method to use (POST, PUT, PATCH, GET, HEAD or DELETE)
2. If it makes sense for the request to have a request body, write a sample request body.

1.
URI: /students
Interaction: Retrieve a list of all student records

2.
URI: /students/14
Interaction: Remove student record #14

3.
URI: /students
Interaction: Create a new student record for a "22" year-old student named "Danielle Reed".

4.
URI: /students /1442
Interaction: Determine if student record #1442 exists

5.
URI: /students /1442
Interaction: Retrieve the age of the student with an id of 1442

6.
URI: /students /1442
Interaction: Change the name of student #1442 to "Kyle Lowry"

Exercise: Using HTTP Methods

7.
URI: /students
Interaction: Change the name of student #1442 to "Kyle Lowry", *but use a different HTTP method than you used in question #6.*

8.
URI: /student-finder
Interaction: Search for a student with the name "Ronnie Mitra"

9.
URI: /students/1442/classes
Interaction: Add an "English" class located in room "42" to Student #1442's record.

10.
URI: /students /1442
Interaction: Delete the class with id #51 from student #1442's list of classes.