



#30DaysOfCode | Backend Track

Day 15

SGPA Calculator

Using ExpressJs or the native Http module, write a server that takes in an array of JSON objects of any number, each being the details of a student's course (course name, credit units, and grade of the student) through a POST request and returns the student's SGPA from a GET request. Enjoy :-)

>> Use the University of Lagos GPA system of 5.0 as well as the grading system

where 70 -100 -> A; 60- 69 -> B...

Input Format

Input Type: [POST]https://anyserver/createdata

Example:

```
> {  
  "courses": [{"course": "math", "units": 3, "score": 72}, {"course": "english", "units": 2, "score": 64}]  
}
```

Output Format

Output Type: [GET]https://anyserver/getdata

Example:

```
> {  
  "sgpa": 4.6  
}
```