

ANUJA PANDEY

1) Create new collection and map the API's in the same folder

The screenshot shows a Postman interface for a GET request. The URL is `http://localhost:8080/student/list?`. The response status is 200 OK, with a time of 37 ms and a size of 18.43 KB. The response body is displayed in JSON format, showing a list of two students:

```
1- [
2- {
3-   "id": 1,
4-   "firstName": "Vernon",
5-   "lastName": "Harper",
6-   "email": "egestas.rhuncus.Proin@massaquisqueporttitor.org",
7-   "programme": "Financial Analysis",
8-   "courses": [
9-     "Accounting",
10-    "Statistics"
11-  ]
12- },
13- {
14-   "id": 2,
15-   "firstName": "Murphy",
16-   "lastName": "Holmes",
17-   "email": "faucibus.orci.luctus@duisac.net",
18-   "programme": "Financial Analysis",
19-   "courses": [
20-     "Accounting",
21-     "Statistics"
22-   ]
23- }
24- ]
```

2) Post any student Data and get the created data by Student ID

The screenshot shows a Postman interface for a POST request. The URL is `http://localhost:8080/student`. The request body is in JSON format, representing a new student:

```
1- {
2-   "id": 101,
3-   "firstName": "Anuja",
4-   "lastName": "Pandey",
5-   "email": "anuja.pandey@tothenew.com",
6-   "programme": "Computer Engineer",
7-   "courses": [
8-     "Computer Science",
9-     "Mathematics"
10-  ]
11- }
```

The response status is 201 Created, with a time of 43 ms and a size of 203 B. The response body is displayed in JSON format, showing a confirmation message:

```
1- {
2-   "msg": "Student added"
3- }
```

3) Fetch the data only by programme "Financial Analysis"

The screenshot shows a Postman interface with a GET request to `http://localhost:8080/student/list?programme=Financial%20Analysis`. The request is successful, returning a 200 OK status. The response body is displayed in JSON format, showing a list of two students. The first student, Vernon Harper, is enrolled in "Financial Analysis", "Accounting", and "Statistics". The second student, Murphy Holmes, is enrolled in "Financial Analysis" and "Accounting".

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> programme	Financial%20Analysis	
Key	Value	Description

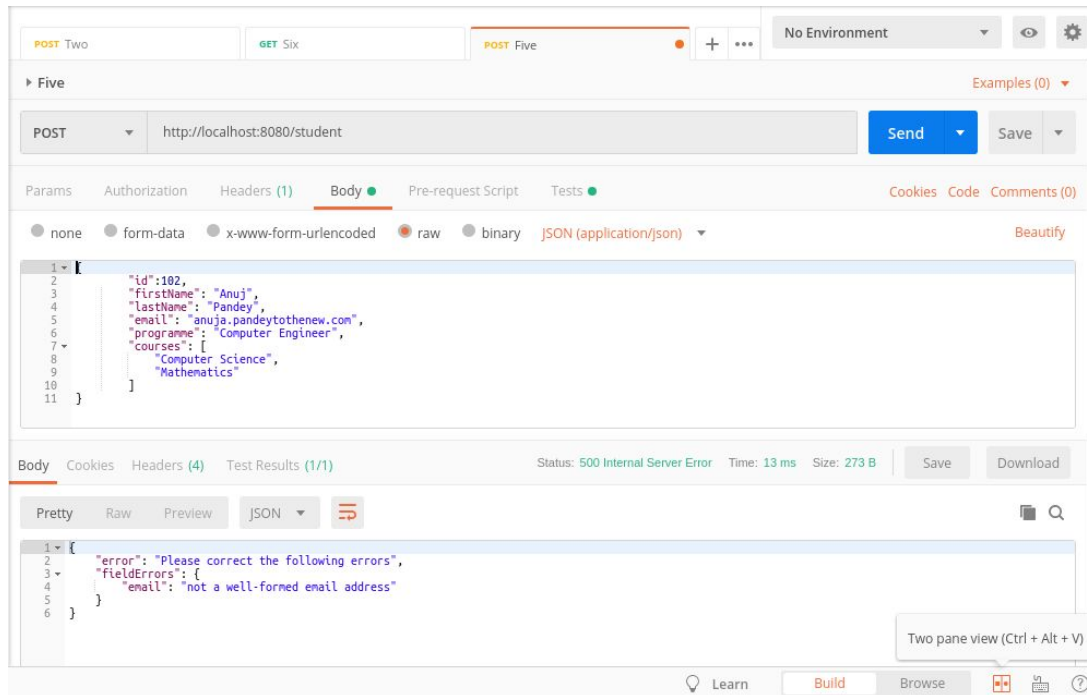
```
1 [
2   {
3     "id": 1,
4     "firstName": "Vernon",
5     "lastName": "Harper",
6     "email": "egestas.rhonus.Proin@massaQuisqueporttitor.org",
7     "programme": "Financial Analysis",
8     "courses": [
9       "Accounting",
10      "Statistics"
11    ]
12  },
13  {
14    "id": 2,
15    "firstName": "Murphy",
16    "lastName": "Holmes",
17    "email": "faucibus.orci.luctus@Outsac.net",
18    "programme": "Financial Analysis",
19    "courses": [
20      "Accounting"
21    ]
22  }
23 ]
```

4) Post student data with existing email Id and check for the error message. Mention the test script.

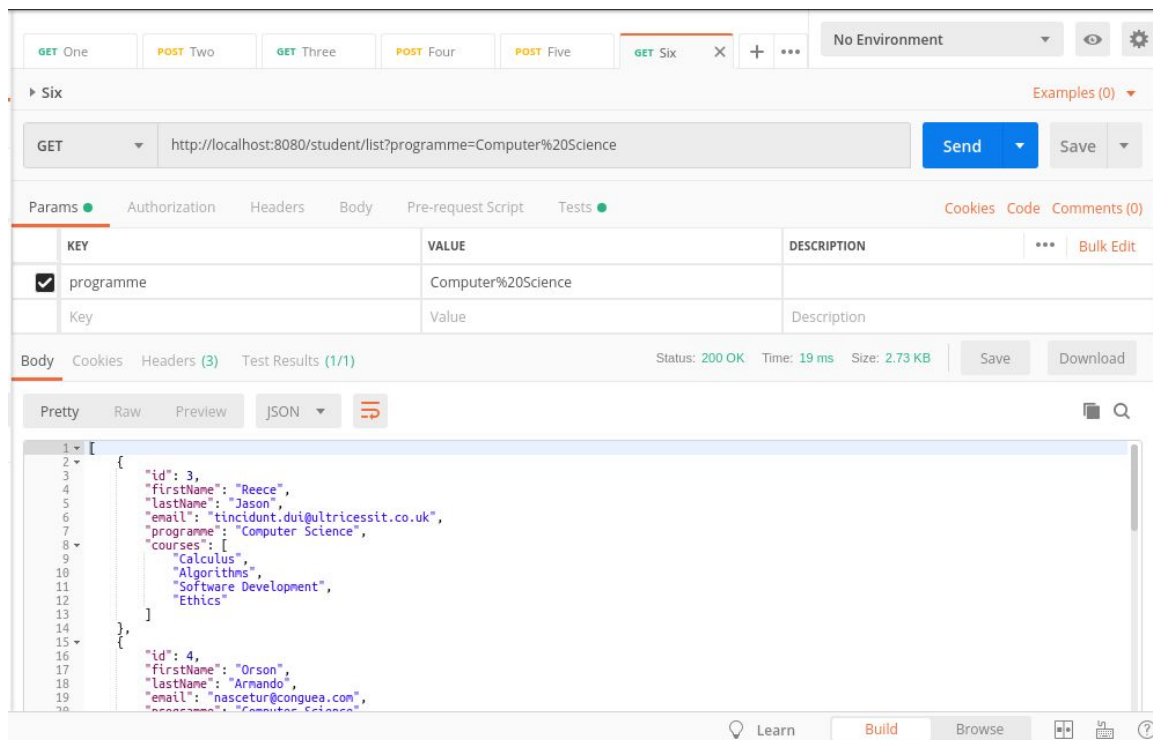
The screenshot shows a POST request to `http://localhost:8080/student` with a JSON body containing student data. The request fails with a 500 Internal Server Error. The response body shows an error message: "Email address already exists".

```
1 {
2   "error": "Email address already exists"
3 }
```

5) Post student data with an incorrect format of email Id and check for the error message. Mention the test script.



6) Fetch the data only by the programme "Computer Science" and "Criminology". Mention the test script



GET One POST Two GET Three POST Four POST Five GET Six GET SixOr X + ... No Environment

▶ SixOne Examples (0)

GET http://localhost:8080/student/list?programme=Criminology Send Save

Params Authorization Headers Body Pre-request Script Tests Cookies Code Comments (0)

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> programme	Criminology	
Key	Value	Description

Body Cookies Headers (3) Test Results (1/1) Status: 200 OK Time: 15 ms Size: 3.04 KB Save Download

Pretty Raw Preview JSON

```

1 [
2   {
3     "id": 12,
4     "firstName": "Chadwick",
5     "lastName": "Lawrence",
6     "email": "turpis.non.enim@sociisnatoque.com",
7     "programme": "Criminology",
8     "courses": [
9       "Criminal Mind",
10      "Gender, Crime and Justice ",
11      "Philosophy of Law "
12    ]
13  },
14  {
15    "id": 13,
16    "firstName": "Zachary",
17    "lastName": "Vance",
18    "email": "in.tincidunt.congue@quisque.com",
19    "programme": "Criminology",
20    "courses": [

```

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7) Run all the above cases and generate the report.