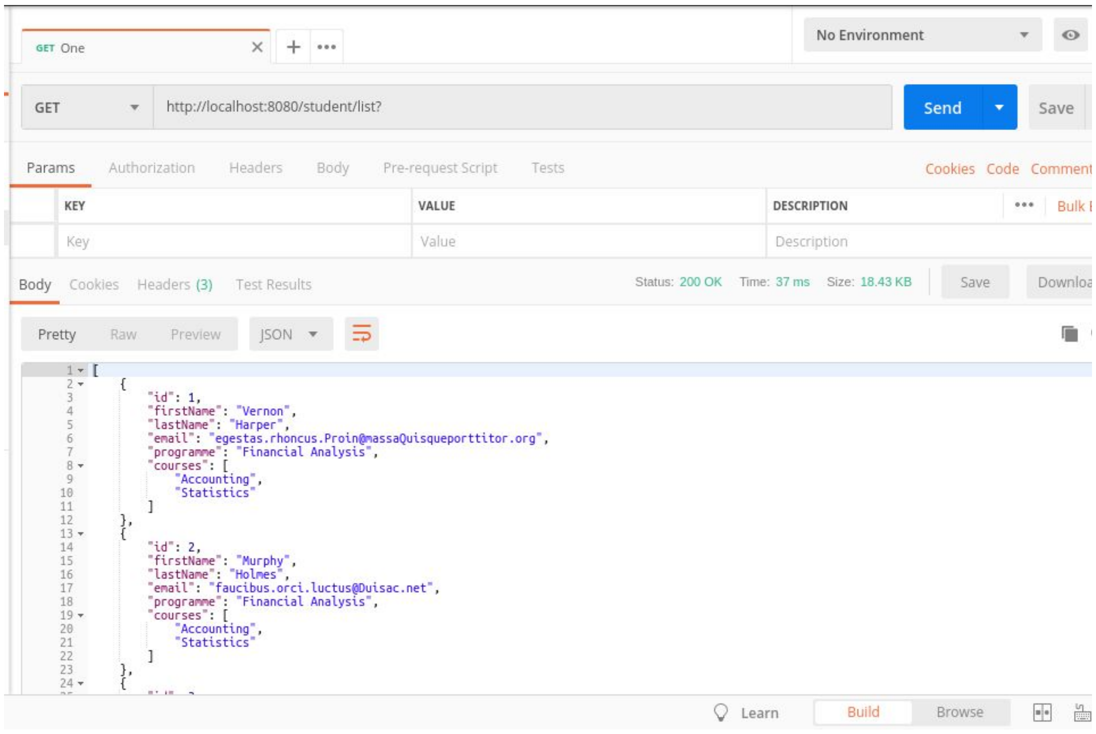
ANUJA PANDEY

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



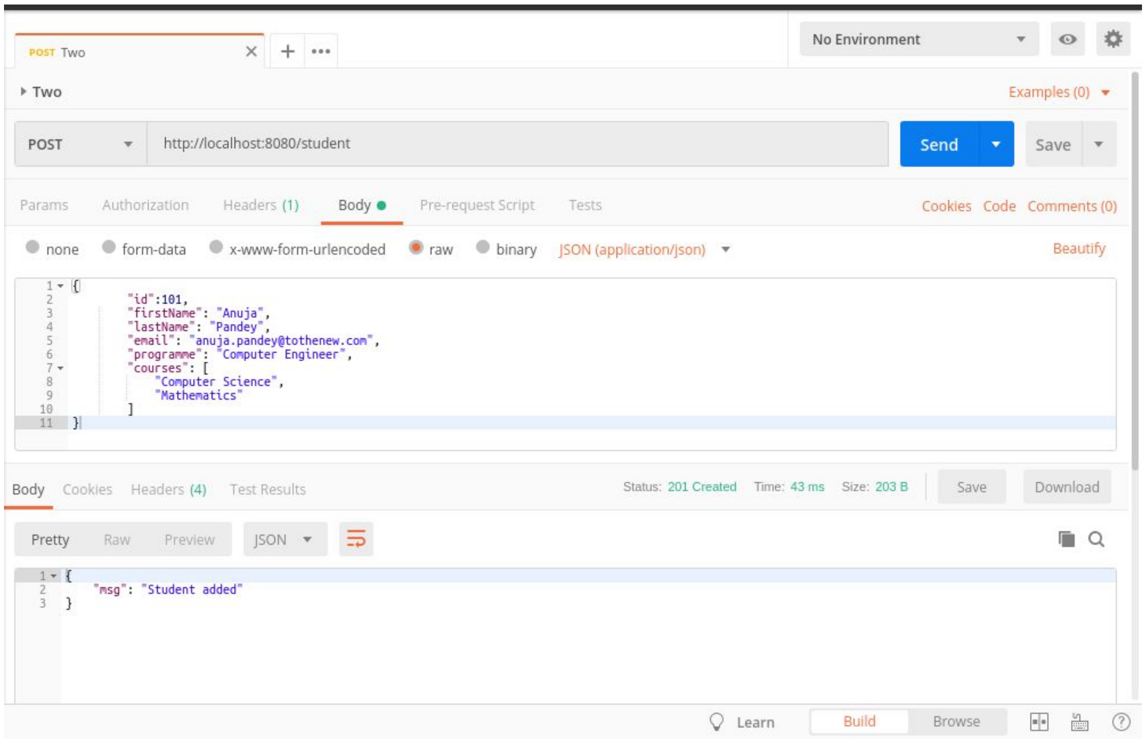
GET http://localhost:8080/student/list?

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (3) Test Results — Status: 200 OK Time: 37 ms Size: 18.43 KB

```
[
    {
        "id": 1,
        "firstName": "Vernon",
        "lastName": "Harper",
        "email": "egestas.rhoncus.Proin@massaQuisqueporttitor.org",
        "programme": "Financial Analysis",
        "courses": [
            "Accounting",
            "Statistics"
        ]
    },
    {
        "id": 2,
        "firstName": "Murphy",
        "lastName": "Holmes",
        "email": "faucibus.orci.luctus@Duisac.net",
        "programme": "Financial Analysis",
        "courses": [
            "Accounting",
            "Statistics"
        ]
    },
    {
```

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



POST http://localhost:8080/student

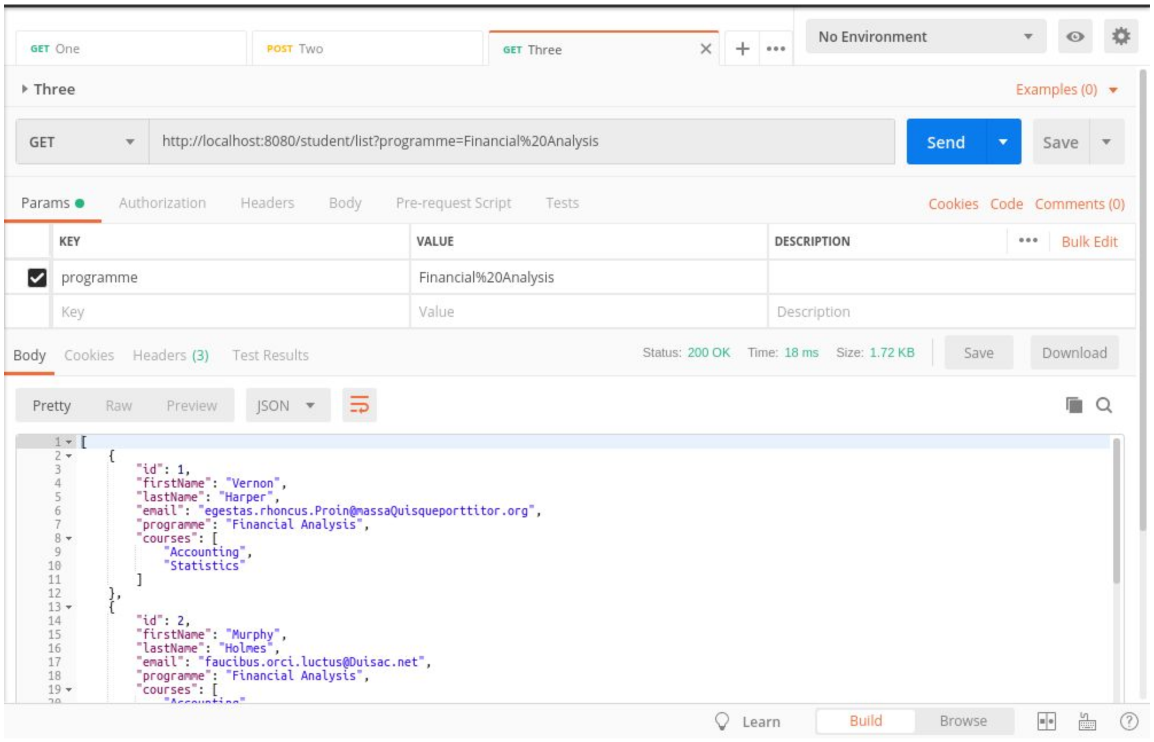
none form-data x-www-form-urlencoded [✓ raw] binary JSON (application/json)

```
{
        "id":101,
        "firstName": "Anuja",
        "lastName": "Pandey",
        "email": "anuja.pandey@tothenew.com",
        "programme": "Computer Engineer",
        "courses": [
            "Computer Science",
            "Mathematics"
        ]
}
```

Body Cookies Headers (4) Test Results — Status: 201 Created Time: 43 ms Size: 203 B

```
{
    "msg": "Student added"
}
```

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



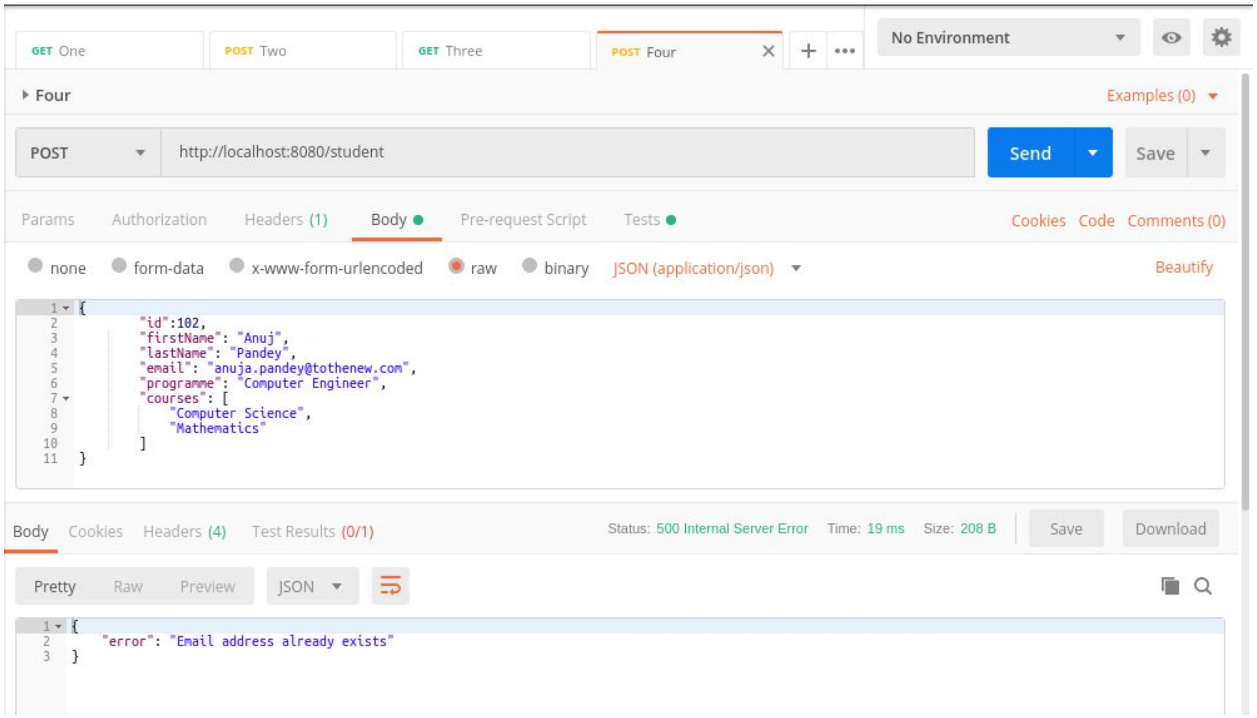
GET http://localhost:8080/student/list?programme=Financial%20Analysis

KEY	VALUE	DESCRIPTION
✓ programme	Financial%20Analysis	
Key	Value	Description

Status: 200 OK Time: 18 ms Size: 1.72 KB

```
[
    {
        "id": 1,
        "firstName": "Vernon",
        "lastName": "Harper",
        "email": "egestas.rhoncus.Proin@massaQuisqueporttitor.org",
        "programme": "Financial Analysis",
        "courses": [
            "Accounting",
            "Statistics"
        ]
    },
    {
        "id": 2,
        "firstName": "Murphy",
        "lastName": "Holmes",
        "email": "faucibus.orci.luctus@Duisac.net",
        "programme": "Financial Analysis",
        "courses": [
```

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



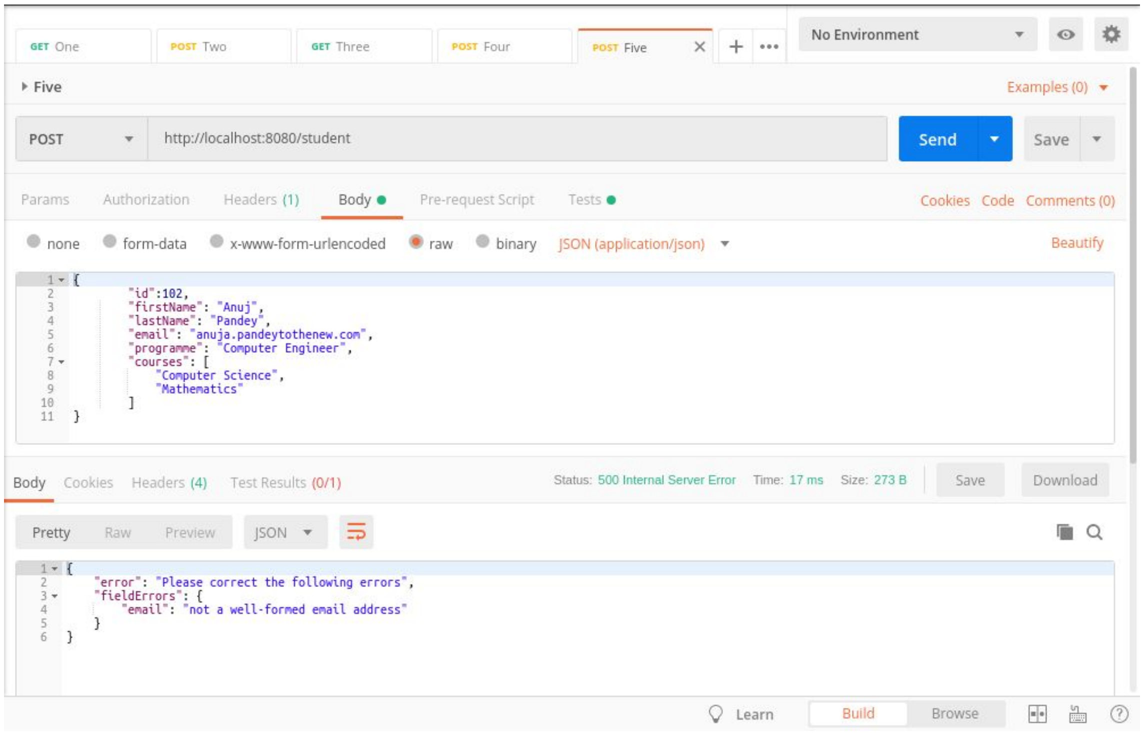
POST http://localhost:8080/student

```
{
        "id":102,
        "firstName": "Anuj",
        "lastName": "Pandey",
        "email": "anuja.pandey@tothenew.com",
        "programme": "Computer Engineer",
        "courses": [
            "Computer Science",
            "Mathematics"
        ]
}
```

Status: 500 Internal Server Error Time: 19 ms Size: 208 B

```
{
    "error": "Email address already exists"
}
```

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



POST http://localhost:8080/student

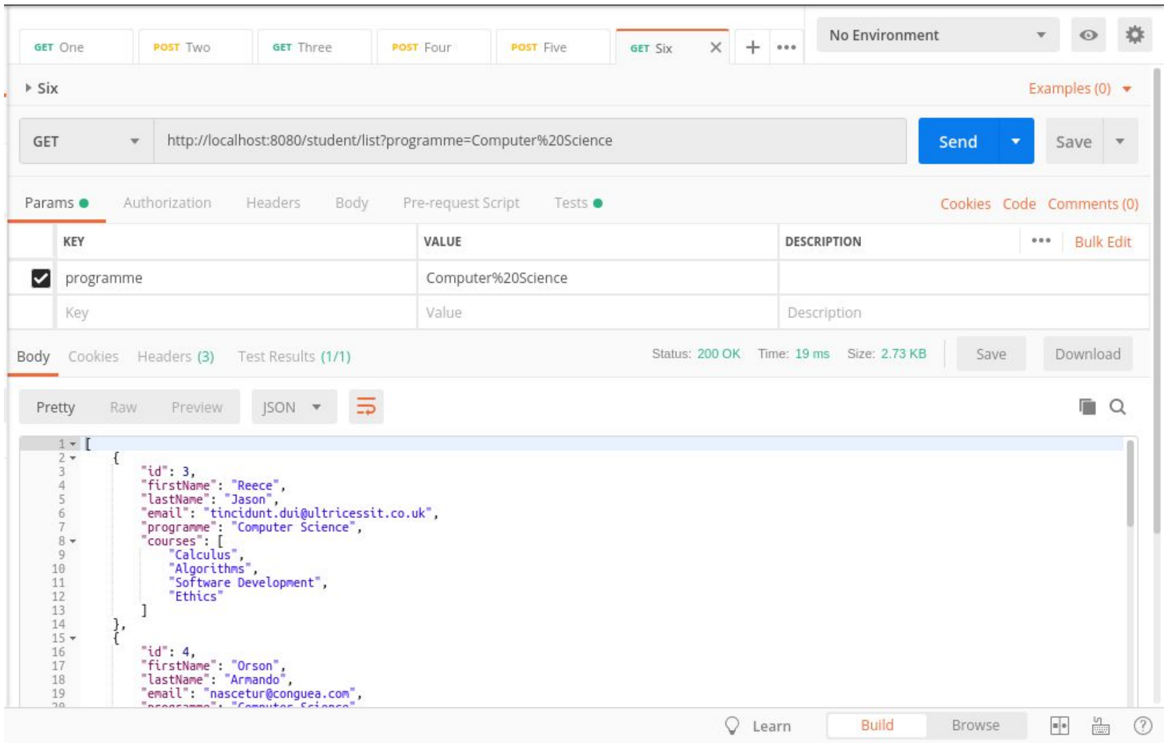
JSON (application/json)

```
{
        "id":102,
        "firstName": "Anuj",
        "lastName": "Pandey",
        "email": "anuja.pandeytothenew.com",
        "programme": "Computer Engineer",
        "courses": [
            "Computer Science",
            "Mathematics"
        ]
}
```

Status: 500 Internal Server Error Time: 17 ms Size: 273 B

```
{
    "error": "Please correct the following errors",
    "fieldErrors": {
        "email": "not a well-formed email address"
    }
}
```

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

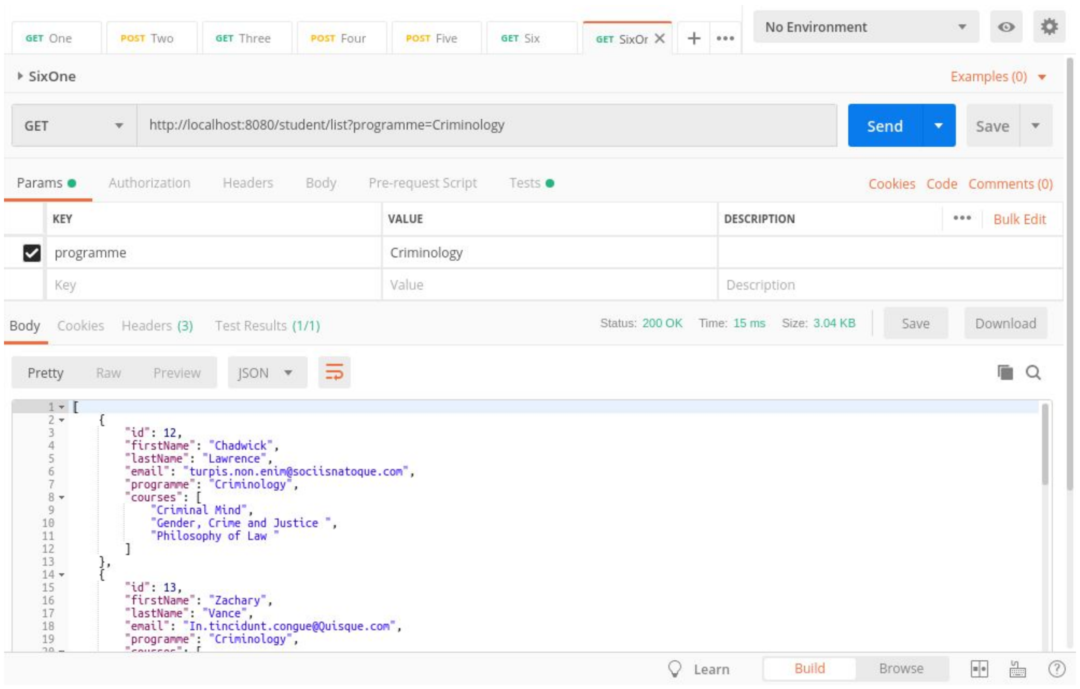


GET http://localhost:8080/student/list?programme=Computer%20Science

	KEY	VALUE	DESCRIPTION
✓	programme	Computer%20Science	
	Key	Value	Description

Status: 200 OK Time: 19 ms Size: 2.73 KB

```
[
    {
        "id": 3,
        "firstName": "Reece",
        "lastName": "Jason",
        "email": "tincidunt.dui@ultricessit.co.uk",
        "programme": "Computer Science",
        "courses": [
            "Calculus",
            "Algorithms",
            "Software Development",
            "Ethics"
        ]
    },
    {
        "id": 4,
        "firstName": "Orson",
        "lastName": "Armando",
        "email": "nascetur@conguea.com",
```



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

KEY	VALUE	DESCRIPTION
✓ programme	Criminology	
Key	Value	Description

Status: 200 OK Time: 15 ms Size: 3.04 KB

```
[
    {
        "id": 12,
        "firstName": "Chadwick",
        "lastName": "Lawrence",
        "email": "turpis.non.enim@sociisnatoque.com",
        "programme": "Criminology",
        "courses": [
            "Criminal Mind",
            "Gender, Crime and Justice ",
            "Philosophy of Law "
        ]
    },
    {
        "id": 13,
        "firstName": "Zachary",
        "lastName": "Vance",
        "email": "In.tincidunt.congue@Quisque.com",
        "programme": "Criminology",
```

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