

Rest Assignment

1 Exercise-1 Get list of all students : Output should be in XML format

The screenshot shows a REST client interface with the following details:

- Method: GET
- URL: `http://localhost:8080/AccoliteCRUDRestService/student`
- Buttons: Send, Save
- Response Format: XML
- Response Content (Pretty):

```
1 <ArrayList xmlns="">
2   <item>
3     <rollNo>1</rollNo>
4     <name>Prashant</name>
5     <dob>120578783400000</dob>
6   </item>
7   <item>
8     <rollNo>2</rollNo>
9     <name>Sagar</name>
10    <dob>120576191400000</dob>
11  </item>
12  <item>
13    <rollNo>3</rollNo>
14    <name>Teju</name>
15    <dob>120573513000000</dob>
16  </item>
17  <item>
18    <rollNo>4</rollNo>
19    <name>Mayra</name>
20    <dob>120570921000000</dob>
21  </item>
22 </ArrayList>
```

Exercise-2 Get details of perticular student, apply filter on name or rollno : Output should be in JSON format

Getting Details of student(RollNo=4)

The screenshot shows a REST client interface with the following details:

- Method: GET
- URL: `http://localhost:8080/AccoliteCRUDRestService/student/4`
- Buttons: Send, Save
- Query Params table:

KEY	VALUE	DESCRIPTION
Key	Value	Description
- Response Format: JSON
- Response Content (Pretty):

```
1 {
2   "rollNo": 4,
3   "name": "Mayra",
4   "dob": 120570921000000
5 }
```
- Status: 200 OK, Time: 10 ms, Size: 165 B

Exercise -3 Add new student : Pass student details in XML format.

http://localhost:8080/AccoliteCRUDRestService/student

POST http://localhost:8080/AccoliteCRUDRestService/student

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Cookies Code Comments (0)

none form-data x-www-form-urlencoded raw binary GraphQL BETA XML (application/xml) Beautify

```
1 <item>
2   <rollNo>5</rollNo>
3   <name>madhukar</name>
4   <dob>120576191400000</dob>
5 </item>
```

Body Cookies Headers (2) Test Results

Status: 201 Created Time: 302 ms Size: 147 B

List after adding student

GET http://localhost:8080/AccoliteCRUDRestService/student

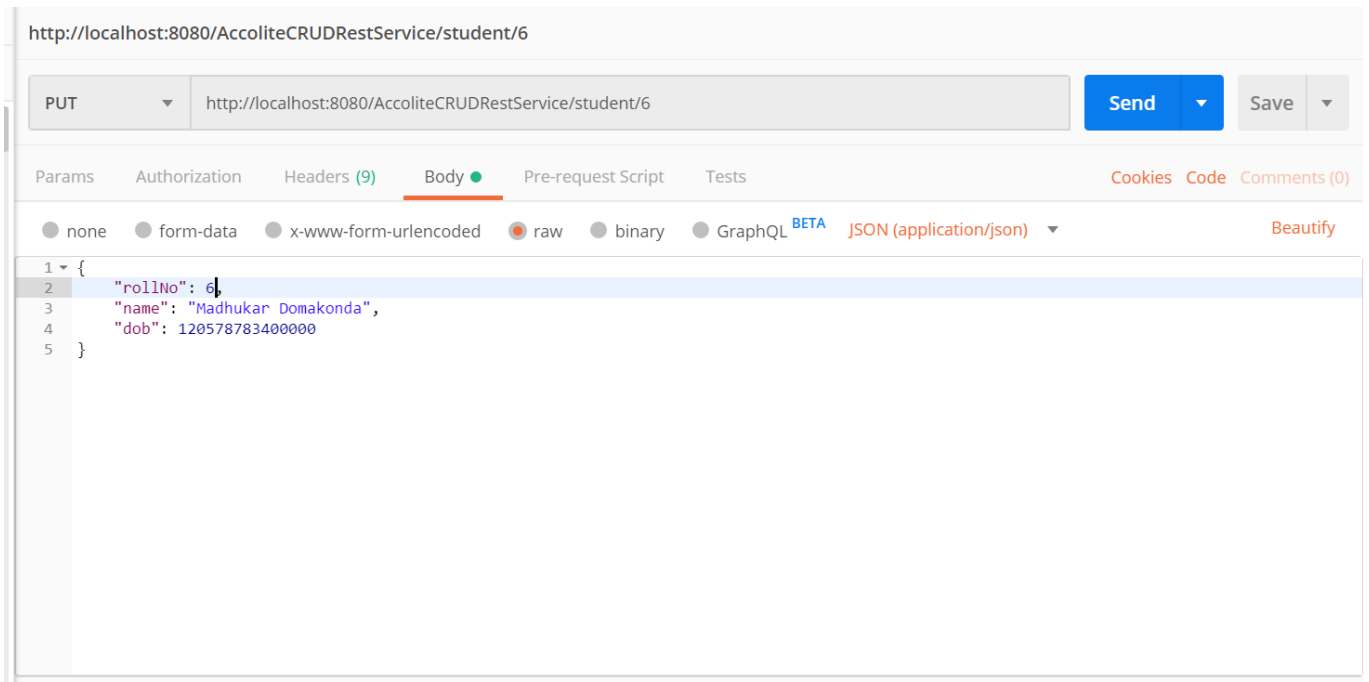
Send Save

Pretty Raw Preview XML

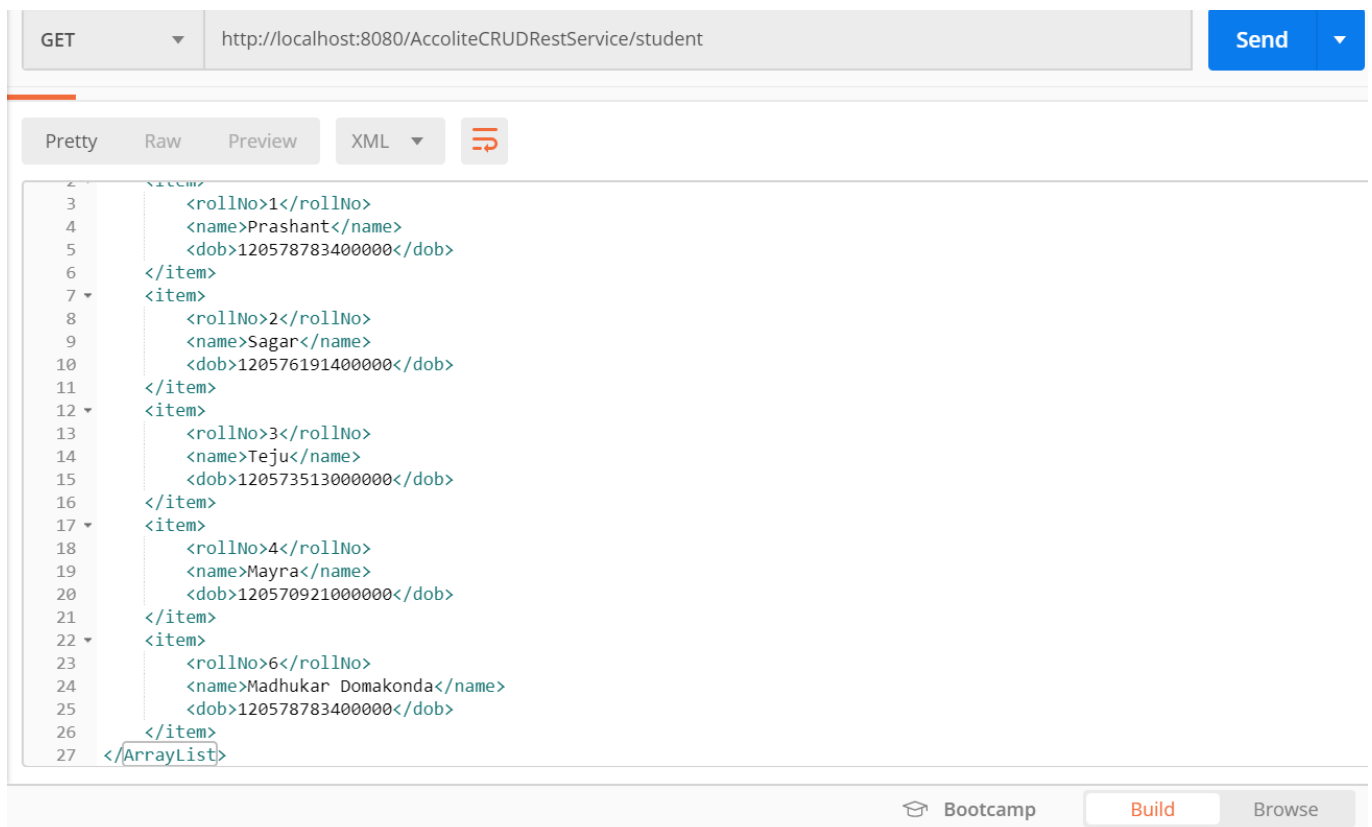
```
1 <ArrayList xmlns="">
2   <item>
3     <rollNo>1</rollNo>
4     <name>Prashant</name>
5     <dob>120578734000000</dob>
6   </item>
7   <item>
8     <rollNo>2</rollNo>
9     <name>Sagar</name>
10    <dob>120576191400000</dob>
11  </item>
12  <item>
13    <rollNo>3</rollNo>
14    <name>Teju</name>
15    <dob>120573513000000</dob>
16  </item>
17  <item>
18    <rollNo>4</rollNo>
19    <name>Mayra</name>
20    <dob>120570921000000</dob>
21  </item>
22  <item>
23    <rollNo>6</rollNo>
24    <name>madhukar</name>
25    <dob>120576191400000</dob>
26  </item>
```

Status: 200 OK Time: 302 ms Size: 147 B

Exercise-4 Update existing student : Pass student details in JSON format changing name form madhukar to Madhukar Domakonda



Resultant List after updating



Exercise-5 Delete student by filter like name or rollno and display delete student details in XML format.

Deleting student(rollNo=6)

http://localhost:8080/AccoliteCRUDRestService/student/6

DELETE

http://localhost:8080/AccoliteCRUDRestService/student/6

Send

Save

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Cookies

Code

Comments (0)

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL BETA

XML (application/xml)

Beautify

1

Body

Cookies

Headers (3)

Test Results

Status: 200 OK Time: 14 ms Size: 218 B

Download

Pretty

Raw

Preview

XML



```
1 <Student xmlns="">
2   <rollNo>6</rollNo>
3   <name>Madhukar Domakonda</name>
4   <dob>120578783400000</dob>
5 </Student>
```

List after Deleting student (rollNo=6)

GET

http://localhost:8080/AccoliteCRUDRestService/student

Send

Save

Body

Cookies

Headers (3)

Test Results

Status: 200 OK Time: 28 ms Size: 449 B

Download

Pretty

Raw

Preview

XML



```
1 <ArrayList xmlns="">
2   <item>
3     <rollNo>1</rollNo>
4     <name>Prashant</name>
5     <dob>120578783400000</dob>
6   </item>
7   <item>
8     <rollNo>2</rollNo>
9     <name>Sagar</name>
10    <dob>120576191400000</dob>
11  </item>
12  <item>
13    <rollNo>3</rollNo>
14    <name>Teju</name>
15    <dob>120573513000000</dob>
16  </item>
17  <item>
18    <rollNo>4</rollNo>
19    <name>Mayra</name>
20    <dob>120570921000000</dob>
21  </item>
22 </ArrayList>
```