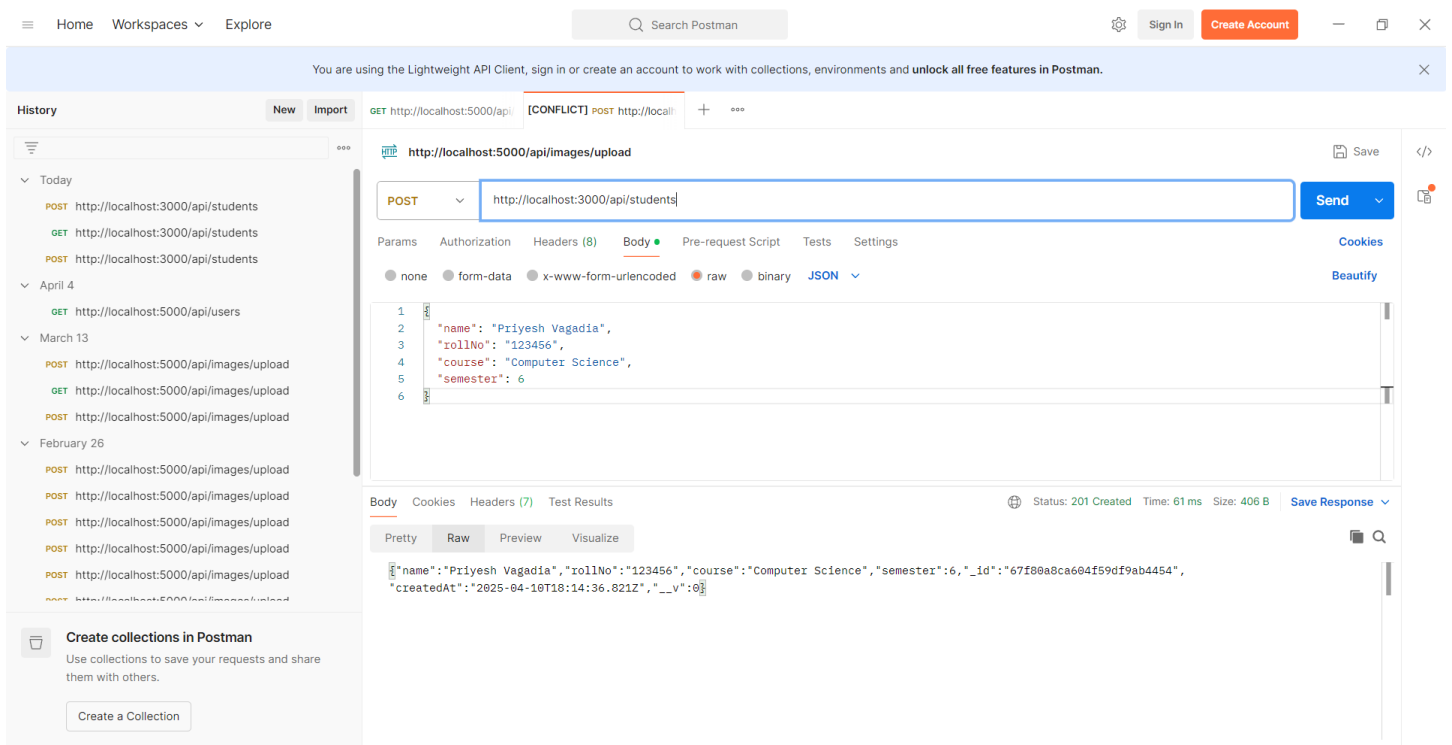
 <b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>			
<b>Subject: AWT (01CT1625)</b>		<b>Aim: Create a RESTful service with Node, Express and MongoDB.</b>	
<b>Experiment No: 6</b>		<b>Date:</b>	<b>Enrollment No: 92200133005</b>

**AIM:** Backend: Using NodeJS, build a job search platform or e-commerce platform api to search and filter.

**CODE:**

// se

**OUTPUT:**




The screenshot shows the Postman API client interface. On the left, the 'History' panel lists several requests. The main panel displays a POST request to `http://localhost:3000/api/students`. The request body is a JSON object:

```
{
  "name": "Priyesh Vagadia",
  "rollNo": "123456",
  "course": "Computer Science",
  "semester": 6
}
```

The response is a 201 Created status with a JSON body:

```
{
  "name": "Priyesh Vagadia",
  "rollNo": "123456",
  "course": "Computer Science",
  "semester": 6,
  "_id": "67f80a8ca604f59df9ab4454",
  "createdAt": "2025-04-10T18:14:36.821Z",
  "__v": 0
}
```

At the bottom left, there is a 'Create collections in Postman' button and a description: 'Use collections to save your requests and share them with others.'

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You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.

NewImportGET http://localhost:5000/api/...[CONFLICT] GET http://localhost:3000/api/students/STUDENT\_ID

http://localhost:5000/api/images/uploadSave

GEThttp://localhost:3000/api/students/STUDENT\_IDSend

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookiesBeautify

noneform-datax-www-form-urlencodedrawbinaryJSON

```
1 {
2   "name": "Priyesh Vagadia",
3   "rollNo": "123456",
4   "course": "Computer Science",
5   "semester": 6
6 }
```

BodyCookiesHeaders (7)Test ResultsStatus: 500 Internal Server ErrorTime: 17 msSize: 369 BSave Response

PrettyRawPreviewVisualize

```
{
  "message": "Cast to ObjectId failed for value \"STUDENT_ID\" (type string) at path \"_id\" for model \"Student\""
}
```

MongoDB Compass - localhost:27017/studentDB.students

ConnectionsEditViewCollectionHelp

CompassMy Queries


CONNECTIONS (1)localhost:27017adminconfigjobsearchdblocalpractical2simple-todostudentDBstudents

students+localhost:27017studentDBstudentsDocumentsAggregationsSchemaIndexes (2)Validation

Type a query: { field: 'value' } or Generate query

ADD DATAEXPORT DATAUPDATEDELETE251-1 of 1

```
_id: ObjectId('67f80a8ca604f59df9ab4454')
name: "Priyesh Vagadia"
rollNo: "123456"
course: "Computer Science"
semester: 6
createdAt: 2025-04-10T18:14:36.821+00:00
__v: 0
```

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<b>Experiment No: 6</b>	<b>Date:</b>	<b>Enrollment No: 92200133005</b>

GET http://localhost:5000/api/ [CONFLICT] PUT http://localhost:5000/api/ + ...

HTTP http://localhost:5000/api/images/upload

PUT http://localhost:3000/api/students/STUDENT\_ID

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary JSON

```

1  {
2    "course": "Information Technology"
3  }

```

MongoDB Compass - localhost27017/jobsearchdb.jobs

Connections Edit View Collection Help

Compass

My Queries

CONNECTIONS (1)

Search connections

localhost:27017

- admin
- config
- jobsearchdb
  - jobs
  - local
  - practical2
  - simple-todo
  - task-manager

localhost:27017 > jobsearchdb > jobs

Documents 6 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or Generate query

EXPLAIN RESET FIND OPTIONS

ADD DATA EXPORT DATA UPDATE DELETE

25 1-6 of 6

<pre> _id: ObjectId('67f2c43dab84aa8c8e62898d') title: "Frontend Developer" company: "TechCorp" location: "New York, NY" description: "We are looking for a skilled frontend developer to join our team." requirements: Array (4) salary: 85000 jobType: "Full-time" postedDate: 2025-04-06T18:13:17.254+00:00 __v: 0 </pre>
<pre> _id: ObjectId('67f2c43dab84aa8c8e62898e') title: "Backend Developer" company: "DataSystems" location: "San Francisco, CA" description: "Experienced backend developer needed for our growing team." requirements: Array (4) salary: 95000 jobType: "Full-time" postedDate: 2025-04-06T18:13:17.256+00:00 __v: 0 </pre>
<pre> _id: ObjectId('67f2c43dab84aa8c8e62898f') title: "UI/UX Designer" company: "CreativeMinds" location: "Chicago, IL" description: "Looking for a creative UI/UX designer to improve our product experienc..." </pre>



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**Subject: AWT (01CT1625)**

**Aim: Create a RESTful service with Node, Express and MongoDB.**

**Experiment No: 6**

**Date:**

**Enrollment No: 92200133005**