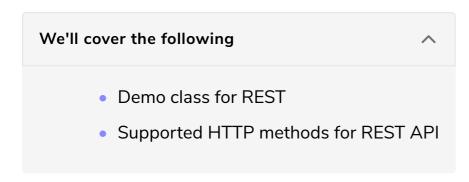
## Understanding the Playground - REST

In this lesson, we will walk you through the details of web API developed for demos and writing test automation for RESTful APIs.



## Demo class for **REST** #

We have a student class, with the following fields and types:

Access Specifier	Туре	Field
private	Long	id
private	String	firstName
private	String	lastName
private	String	gender

## Supported HTTP methods for REST API #

The target base URL: <a href="http://ezifyautomationlabs.com:6565">http://ezifyautomationlabs.com:6565</a>

Method	Request Mapping	Comments
GET	/educative- rest/students	Get all students

GET	/educative-	Get a student with a
	rest/students/{id}	particular id
POST	/educative- rest/students	Create a new student
PUT	/educative- rest/students	Update an existing student
DELETE	<pre>/educative- rest/students/{id}</pre>	Delete student with a particular id

The HTTP methods above also have a corresponding **authentication** based request mapping, for example:

/educative-rest/auth/students

The only change is the path param **auth**, which is appended in the URL.

In the next lesson, we will learn writing API automation tests for RESTful services using the Rest Assured library.