

## Basic API Creation

1. Objective: Creating a basic API on Ruby on Rails
2. Task: Please create a Ruby on Rails API endpoint that allows users to retrieve a list of 'Companies' from a database. The 'Task' model should have attributes for 'Name' and 'Location.' Ensure that the API response includes both 'Name' and 'Location' for each Company.”

## Authentication and Authorization

1. Objective: Adding authentication protocols to the API
2. Extend the previous API by adding authentication and authorization. Only authenticated users with the role of 'admin' should be allowed to create new companies. Implement this role-based access control in your API.

## Error Handling and Testing

1. Objective: Handling errors and writing tests
2. In your API, implement error handling for cases where a Company is not found or when an invalid request is made (e.g., missing parameters). Additionally, write RSpec test cases to validate the error handling for these scenarios