

## Skills Assessment

Complete the following code challenges. Provide as much detail as possible. Submit your answers in a clear and organised document.

**Challenge:** Build a Simple Task Tracker API

**Goal:** Create a simple REST API that allows users to manage a to-do list.

### Requirements

Implement a REST API with the following endpoints:

1. **GET /tasks**  
Returns a list of tasks.
2. **POST /tasks**  
Adds a new task. Accepts JSON with:
3. **PUT /tasks/:id**  
Updates a task (e.g., mark as completed).
4. **DELETE /tasks/:id**  
Deletes a task.

### Bonus (Optional)

- Add basic in-memory data persistence (no need for a DB)
- Add basic input validation (e.g., title required)
- Include unit tests for one or more endpoints
- Use of animation for adding and deleting items in view

### What We're Looking For

- Clear, readable code
- Understanding of REST principles
- Basic error handling
- Ability to write simple tests (bonus)
- Comments or brief documentation

### Tech Stack

Specify the preferred language/framework (e.g., Python + Flask, JavaScript + Express, etc.) and explain the reason for your choice.