

Brief Explanation :

Endpoint Syntax:

GET /check/:number

Explanation:

1. GET

- This is the HTTP method.
- It is used to **retrieve data** from the server. In this case, we are checking a number.

2. /check/

- This is the **route path**.
- It tells the server which functionality to run. Here, it points to the “check number” functionality.

3. :number

- The **colon :** means it's a **route parameter**.
- The value in the URL will be dynamic. For example:
 - /check/4 → number = 4
 - /check/7 → number = 7
- You can access this value in Express using:
 - **const num = req.params.number;**

4. Return Value (JSON)

- If the number is **even**, return:
 - { "message": "OK" }
 - If the number is **odd**, return:
 - { "message": "Not allowed" }
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