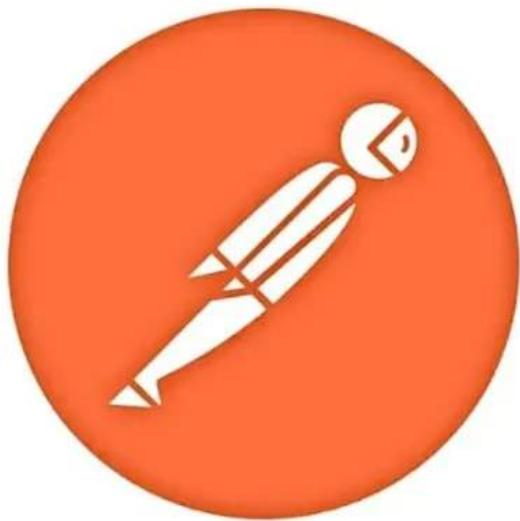# What is **POSTMAN**?

(With Example)

Swipe>>

What is **Postman**?

Postman is an **API tool** used to **test**, **debug**, and **document** APIs.

It lets developers

- Send **requests** (like GET, POST) to an API

- View the **response**, helping in fast and easy **API development.**

1. Testing REST APIs

- Make **GET/POST/PUT/DELETE** requests
- Add query params & headers
- Validate status codes & response body

2. **Authentication** Handling

- Bearer Token: Bearer **<token>**
- **OAuth** 2.0
- API Key in headers

3. Test **Automation** using JavaScript

```javascript
pm.test("Status is 200", () => {
    pm.response.to.have.status(200);
});
```

4. Environments & **Variables**

- Use **{{base_url}}** in endpoints
- Define environments like dev, prod

5. Collections

- Group related API requests

- Export & share with team

- Run using Collection Runner

6. Real Use-Cases

- Backend devs test endpoints

- Frontend devs simulate APIs

- QA automates workflows