



# Welcome Geeks

# HTTP Verbs

## HTTP METHODS

<b>GET</b>	Read Data
<b>POST</b>	Insert Data
<b>PUT</b>	Update Data
<b>DELETE</b>	Delete Data

<b>GET</b>	<b>www.store.com/api/orders</b>	get all orders
<b>POST</b>	<b>www.store.com/api/orders</b>	place an order (send data)
<b>GET</b>	<b>www.store.com/api/orders/:id</b>	get single order (path params)
<b>PUT</b>	<b>www.store.com/api/orders/:id</b>	update specific order (params + send data)
<b>DELETE</b>	<b>www.store.com/api/orders/:id</b>	delete order (path params)

## HTTP STATUS CODES

### 2xx Success

**200** Success / OK

### 3xx Redirection

**301** Permanent Redirect

**302** Temporary Redirect

**304** Not Modified

### 4xx Client Error

**401** Unauthorized Error

**403** Forbidden

**404** Not Found

**405** Method Not Allowed

### 5xx Server Error

**501** Not Implemented

**502** Bad Gateway

**503** Service Unavailable

**504** Gateway Timeout

# Topics to be covered

- Express Basics
- Express Routing
- Middleware
- GET, POST, PUT, DELETE APIs
- Postman
- Controller

# Express Basics

- Fast, unopinionated, minimalist web framework for Node.js

<https://expressjs.com/>

# Project Setup

- `npm init`
- `npm install express`