

# Node.js

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**01**

# **Intro to Express.js**

# What is Express.js

- Express.js, or simply Express.
- Web application framework for Node.js ( runtime ).
- Designed to simplify process of building and maintaining web apps.
- Provides a set of robust features for building web servers.
- Routing HTTP requests, and managing middleware.

**02**

# **Express Middlewares**

# Express Basics – Middleware

- Middleware is anything that happens between the time that the server gets the request and the time that the server sends back the response. e.g. `app.get( )`



Please choose slide show to visualize animation above.

# Express Basics – Middleware

- Different middleware in express.js:
- Router-level middleware.
- Application-level middleware.
- Error-handling middleware.
- Built-in middleware.
- Third-party middleware.

# Express Basics – Routing

```
const express = require("express");  
  
const app = express();
```

- Routing refers to:
  - How an application's endpoints (URIs) respond to frontend requests.
- A route method is derived from one of the HTTP methods.
  - `express.get( )`
  - `express.post( )`
  - `express.put( )`
  - `express.delete( )`
  - `express.all( )`
  - `express.use( )`
  - `express.listen( )`



# Express Basics – Routing – `express.get()`

```
const express = require("express");

const app = express();

app.get("/", (req, res) => {
  res.status(200).send("Home Page")
})

app.get("/about", (req, res) => {
  res.status(200).send("About Page")
})

app.listen(5000, (req, res) => {
  console.log("Listening on port 5000...")
});
```



# Postman

- We will use postman to test APIs.
- Postman is an API platform for building and using APIs.
- Postman simplifies each step of the API lifecycle.
- Streamlines collaboration so you can create better APIs faster.

**03**

# Postman

# <QnA>

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Thanks!

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