📝 Summary - Advanced Express

What is Middleware?

- middleware is a function that either call the next middleware function or send a response to end the current request.

- In simple words, whichever function who call next middleware function or send a response to end the request, that function is called as middleware.

```
// Adding Middleware for all routes
app.use((req, res, next) => {
  console.log(`${req.method} ${req.url}`);

  next();
});
```

Built-in Middlewares

- json() - this will help us to parse data in json format and without this middleware we don't get data in our API.

- urlencoded() - this will help us to parse data in url encoded format.

- static() - for sharing static files

Sharing static files from server

```
app.use("/avatar", express.static("public"));
```

- We can detect the environment in which our Node application in running developement, production, testing using `process.env.NODE_ENV` and `app.get("env")`

- For returning HTML file from the server, we can use template engine like pug, EJS etc.

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