

# Template engine in express JS

Node JS Tutorial in Hindi #36 EJS | Template engine in express JS



## What is a Template Engine?

A **template engine** lets you **generate dynamic HTML** using **server-side data**.

Helps merge backend data with frontend templates (like variables in HTML).

## Popular Template Engines

**EJS** (Embedded JavaScript)

**Pug** (formerly Jade)

**Handlebars**

# How to Install EJS

```
npm i ejs
```

## EJS File Structure

```
project/
|
└─ views/
    └─ home.ejs
└─ public/
    └─ style.css
└─ index.js
```

Note: EJS **automatically looks inside the views/ folder**

## Example: home.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
  <title>Home Page</title>
  <link rel="stylesheet" href="style.css" />
</head>
<body>
  <h1>Name <%= name %></h1>
  <h2>Yt Channel: <%= ytChannel %></h2>
  <h2>Age : <%= age %></h2>
</body>
```

&lt;/html&gt;

<%= ... %> is used to embed JavaScript values in HTML

## index.js

```
import express from "express";
const app = express();

app.set("view engine", "ejs");

app.get("/", (req, resp) => {
  resp.render("home", {
    name: "Anil Sidhu",
    ytChannel: "Code Step By Step",
    age: 29,
  });
});

app.listen(3200);
```

app.set("view engine", "ejs"); tells Express to use EJS

resp.render("home", {...}) sends data to the EJS file

Output at <http://localhost:3200/>:

Name Anil Sidhu

Yt Channel: Code Step By Step

Age : 29

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