# 0.什么是ejs

## 是一种网页模板语言.可以将js代码嵌入html文件中,然后可以将运行结果动态渲染到页面.

# 1.安装ejs和vscode的ejs支持插件

## 1)安装ejs : npm i ejs --save

# 2)安装vscode的ejs支持插件

## 打开vscode,点击插件,搜索ejs,然后选择ejs语言支持,点击安装,如图

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## 练习1.

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### 代码实现

#### 新建一个文件夹:25 - ejs/4.0,然后在里面打开一个git bash窗口,输入: mkdir views; touch index.js views/index.ejs,就可以插件views文件夹并且在当前目录下面新建一个index.js和在views目录下面新建一个index.ejs,然后需要输入npm init初始化项目,再安装express和ejs: npm i express ejs,完成后如下

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### index.js

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| --- |
| import express from "express"  let app = express()  let port =3000  app.get("/",(req,res)=>{     let date = new Date("June 20, 2023 11:13:00")  //    let date = new Date("June 24, 2023 11:13:00")     let day = date.getDay()     let dayType = "weekday"     let adv = "We must work hard"     if(day===0 || day===6){        dayType = "weekend"        adv="let's have some fun "     }     res.render("index.ejs",{dayType:dayType,advice:adv})  })  app.listen(port,()=>{      console.log(`Server ready: http://localhost:${port}/`);  }) |

### views/index.ejs

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>    <meta charset="UTF-8">    <meta name="viewport" content="width=device-width, initial-scale=1.0">    <title>Weekday Warrior</title>  </head>  <body>    <h1>Hey, it's <%= dayType %>, <%= advice %>!</h1>  </body>  </html> |

### 运行程序,从浏览器访问,效果如下

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### 然后我们设置一个是周末的日期

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#### 效果如下

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# 2.Ejs的基本语法

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# 3.在项目中使用ejs

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## 练习2.新建文件夹,初始化项目然后创建index.js,views/footer.ejs,views/index.js,安装express和ejs

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### views/footer.ejs

|  |
| --- |
| <footer>    <p>Copyright © from footer</p>  </footer> |

### views/index.js

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>    <meta charset="UTF-8">    <meta name="viewport" content="width=device-width, initial-scale=1.0">    <title>EJS Tags</title>  </head>  <body>    <h1>      <!-- Tite goes here -->      <%= title %>    </h1>    <p>Current second:      <!-- Current second goes here -->      <%= seconds %>    </p>    <% if (seconds % 2===0) { %>      <ul>        <!-- List goes here if current second is even. -->        <%items.forEach((fruit)=> { %>          <li>            <%=fruit %>          </li>          <%}) %>            <!-- Otherwise it should display the following: -->            <!-- <p>No items to display</p> -->      </ul>      <% } else {%>        <p>No items to display</p>        <% } %>          <p>            <!-- HTML content goes here -->            <%- htmlContent %>          </p>          <!-- Footer goes here -->          <%- include("footer.ejs") %>  </body>  </html> |

### index.js

|  |
| --- |
| import express from "express";  const app = express();  const port = 3000;  app.get("/", (req, res) => {    const data = {      title: "EJS Tags",      seconds: new Date().getSeconds(),      items: ["apple", "banana", "cherry"],      htmlContent: "<strong>This is some strong text</strong>",    };    res.render("index.ejs", data);  });  app.listen(port, () => {    console.log(`Server ready: http://localhost:${port}/`);  }); |

### 运行运行,效果如下

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## 传递数据给模板

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## 如果模板需要数据了没有传递数据,程序就会崩溃

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## 解决办法,添加locals关键字,增加这个关键字后,代码有判断功能

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# 4.EJS传递数据给服务器

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## 练习3.做一个简单的名字长度统计网站,当我们输入人的姓名点击提交,会显示人名的长度,如果没有输入人名,显示一行提示信息提示用户输入姓名

### views/index.ejs

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>    <meta charset="UTF-8">    <meta name="viewport" content="width=device-width, initial-scale=1.0">    <title>Name Letters</title>  </head>  <body>    <!-- Write your code here -->    <% if(locals.count) { %>      <h1>There are <%= locals.count %> Letters in your  name</h1>      <% } else { %>         <h1>Enter your name below 👇</h1>    <% } %>    <form action="/submit" method="POST">      <input type="text" name="fName" placeholder="First name">      <input type="text" name="lName" placeholder="Last name">      <input type="submit" value="OK">    </form>  </body>  </html> |

### index.js

|  |
| --- |
| import express from "express";  import bodyParser from "body-parser";  const app = express();  const port = 3000;  app.use(bodyParser.urlencoded({ extended: true }));  let fname= ''  app.get("/", (req, res) => {     res.render("index.ejs")  });  app.post("/submit", (req, res) => {     let name = req.body["fName"] + req.body["lName"]     res.render("index.ejs",{count:name.length})  });  app.listen(port, () => {    console.log(`Server running on port ${port}`);  }); |

# 5.ejs中Layout和Partial的使用

## 1)我们能否把前面学习到的css,bootstrap等等的好看的样式应用到我们的后端页面中?

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### 如果了直接把前面学习的东西放到ejs文件中,它是不能够正常工作的,因为他们是静态文件,需要使用express的static中间件,这个很重要.如果不使用这个中间件,ejs中的超链接都无法使用.

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## 2)使用<%- include(“xxx.ejs”) %>指令可以实现代码重复使用

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## 练习4.partial的使用

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### views/partials/header.ejs

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| --- |
| <!DOCTYPE html>  <html lang="en">  <head>    <meta charset="UTF-8">    <meta name="viewport" content="width=device-width, initial-scale=1.0">    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css">    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.2/css/all.css">    <link rel="stylesheet" href="/styles/layout.css">    <link rel="stylesheet" href="/styles/content.css">    <title>EJS Partials</title>  </head>  <header>    <nav class="navbar navbar-expand-custom navbar-mainbg">      <a class="navbar-brand navbar-logo" href="#">My Portfolio</a>      <button class="navbar-toggler" type="button" aria-controls="navbarSupportedContent" aria-expanded="false"        aria-label="Toggle navigation">        <i class="fas fa-bars text-white"></i>      </button>      <div class="collapse navbar-collapse" id="navbarSupportedContent">        <ul class="navbar-nav ml-auto">          <div class="hori-selector">            <div class="left"></div>          </div>          <li class="nav-item">            <a class="nav-link" href="/"><i class="far fa-copy"></i>Home</a>          </li>          <li class="nav-item">            <a class="nav-link" href="/about"><i class="far fa-clone"></i>About</a>          </li>          <li class="nav-item">            <a class="nav-link" href="/contact"><i class="far fa-calendar-alt"></i>Contact</a>          </li>        </ul>      </div>    </nav>  </header>  <main class="container"> |

### views/partials/footer.ejs

|  |
| --- |
| </main>  <footer>    <div class="waves">      <div class="wave" id="wave1"></div>      <div class="wave" id="wave2"></div>      <div class="wave" id="wave3"></div>      <div class="wave" id="wave4"></div>    </div>    <ul class="social\_icon">      <li><a href="#"><ion-icon name="logo-facebook"></ion-icon></a></li>      <li><a href="#"><ion-icon name="logo-twitter"></ion-icon></a></li>      <li><a href="#"><ion-icon name="logo-linkedin"></ion-icon></a></li>      <li><a href="#"><ion-icon name="logo-instagram"></ion-icon></a></li>    </ul>    <ul class="menu">      <li><a href="#">Home</a></li>      <li><a href="#">About</a></li>      <li><a href="#">Services</a></li>      <li><a href="#">Team</a></li>      <li><a href="#">Contact</a></li>    </ul>    <p class="copyright"> Made with ❤️ in London.</p>  </footer>  <script type="module" src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.esm.js"></script>  <script nomodule src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.js"></script>  </body>  </html> |

### views/about.ejs

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| --- |
| <%- include("partials/header.ejs") %>  <h1>About Me</h1>  <img class="profile" src="images/cat.jpeg" alt="cat profile">  <p>    Quam purus justo enim purus, dolor enim, ut eu lectus nam eget nibh. Ante illum nullam leo, vivamus aliquam massa    massainceptos fermentum porttitor, blandit vehicula, lorem in placerat ut aliquam at sociosqu. Vivamus duis    ultricies    aliquam placerat, tincidunt scelerisque imperdiet, egestas erat vel. Libero rerum. Donec ligula tristique, purus    montes,    feugiatid nunc in a nec. Duis odio, vitae sed etiam mi massa, laoreet amet purus amet rhoncus, eget sed, arcu    urna.    Maecenaswisi id, at donec enim. Proin nisl, pulvinar leo suspendisse, cum parturient non, congue leo et ut in,    neque ut    lacusauctor quam fermentum urna. Metus quis, mauris dictum aptent ultrices nulla viverra ornare, tempor elit enim    leo    donec,sed sed. Vivamus sapien facilisi, tempor arcu nulla justo sed et, eget suspendisse lacus sed nunc mattis    lectus.    Metusgravida.</p>    <%- include("partials/footer.ejs") %> |

### views/contact.ejs

|  |
| --- |
| <%- include("partials/header.ejs") %>  <h1>Contact Me</h1>  <form>    <input name="name" type="text" class="feedback-input" placeholder="Name" />    <input name="email" type="text" class="feedback-input" placeholder="Email" />    <textarea name="text" class="feedback-input" placeholder="Comment"></textarea>    <input type="submit" value="SUBMIT" />  </form>  <%- include("partials/footer.ejs") %> |

### views/index.ejs

|  |
| --- |
| <%- include("partials/header.ejs") %>    <h1>Home Page</h1>    <p>Lorem ipsum dolor sit amet, et proin, justo mus. Porta suspendisse turpis netus sagittis tortor at, vitae aliquet      pharetra cras velit, id gravida, neque nulla lorem, posuere hac. Ultricies eget lacus vehicula, in ante aliquam      et,facilisis tempor duis orci. Sed molestie sem in duis eu id, nisl id ultricies metus blandit eget praesent, pede      tempornullam, vitae arcu tortor suspendisse nibh risus. Nulla id suscipit reiciendis nulla erat. Porta enim aute      luctus,ducimus sodales dolor.    </p>    <p>      Quam purus justo enim purus, dolor enim, ut eu lectus nam eget nibh. Ante illum nullam leo, vivamus aliquam massa      massainceptos fermentum porttitor, blandit vehicula, lorem in placerat ut aliquam at sociosqu. Vivamus duis      ultricies      aliquam placerat, tincidunt scelerisque imperdiet, egestas erat vel. Libero rerum. Donec ligula tristique, purus      montes,      feugiatid nunc in a nec. Duis odio, vitae sed etiam mi massa, laoreet amet purus amet rhoncus, eget sed, arcu      urna.      Maecenaswisi id, at donec enim. Proin nisl, pulvinar leo suspendisse, cum parturient non, congue leo et ut in,      neque ut      lacusauctor quam fermentum urna. Metus quis, mauris dictum aptent ultrices nulla viverra ornare, tempor elit enim      leo      donec,sed sed. Vivamus sapien facilisi, tempor arcu nulla justo sed et, eget suspendisse lacus sed nunc mattis      lectus.      Metusgravida.</p>    <%- include("partials/footer.ejs") %> |

### index.js

|  |
| --- |
| import express from "express";  const app = express();  const port = 3000;  //使用静态中间件  app.use(express.static("public"))  /\* Write your code here:  Step 1: Render the home page "/" index.ejs  Step 2: Make sure that static files are linked to and the CSS shows up.  Step 3: Add the routes to handle the render of the about and contact pages.    Hint: Check the nav bar in the header.ejs to see the button hrefs  Step 4: Add the partials to the about and contact pages to show the header and footer on those pages. \*/  app.get("/",(req,res)=>{      res.render("index.ejs")  })  app.get("/about",(req,res)=>{      res.render("about.ejs")  })  app.get("/contact",(req,res)=>{      res.render("contact.ejs")  })  app.listen(port, () => {    console.log(`Server ready at : http://localhost:${port}/`);  }); |

# 6.综合练习:Band Name Generator项目

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## index.js

|  |
| --- |
| import express from "express";  import bodyParser from "body-parser";  const app = express();  const port = 3000;  app.use(express.static("public"))  //Step 3 - Make the styling show up.  //Hint 1: CSS files are static files!  //Hint 2: The header and footer are partials.  //Hint 3: Add the CSS link in header.ejs  //Step 4 - Add a dynamic year to the footer.  //Hint: Google to find out how to get the current year using JS.  app.use(bodyParser.urlencoded({ extended: true }));  app.get("/", (req, res) => {  //Step 1 - Make the get route work and render the index.ejs file.  res.render("index.ejs")  });  app.post("/submit", (req, res) => {  //Step 2 - Make the generate name functionality work  //Hint: When the "Generate Name" button in index.ejs is clicked, it should hit up this route.    //Then:  //1. You should randomly pick an adjective from the const "adj" and a noun from const "noun",  //scroll down to see the two arrays.  let ranAdj = adj[Math.floor(Math.random()\*adj.length)]  let ranNoun= noun[Math.floor(Math.random()\*noun.length)]  //2. Send the index.ejs as a response and add the adjective and noun to the res.render  res.render("index.ejs",{  adj:ranAdj,  noun:ranNoun  })  //3. Test to make sure that the random words display in the h1 element in index.ejs  });  app.listen(port, () => {  console.log(`server: http://localhost:${port}/`);  });  const adj = [  "abandoned",  "able",  "absolute",  "adorable",  "adventurous",  "academic",  "acceptable",  "acclaimed",  "accomplished",  "accurate",  "aching",  "acidic",  "acrobatic",  "active",  "actual",  "adept",  "admirable",  "admired",  "adolescent",  "adorable",  "adored",  "advanced",  "afraid",  "affectionate",  "aged",  "aggravating",  "aggressive",  "agile",  "agitated",  "agonizing",  "agreeable",  "ajar",  "alarmed",  "alarming",  "alert",  "alienated",  "alive",  "all",  "altruistic",  "amazing",  "ambitious",  "ample",  "amused",  "amusing",  "anchored",  "ancient",  "angelic",  "angry",  "anguished",  "animated",  "annual",  "another",  "antique",  "anxious",  "any",  "apprehensive",  "appropriate",  "apt",  "arctic",  "arid",  "aromatic",  "artistic",  "ashamed",  "assured",  "astonishing",  "athletic",  "attached",  "attentive",  "attractive",  "austere",  "authentic",  "authorized",  "automatic",  "avaricious",  "average",  "aware",  "awesome",  "awful",  "awkward",  "babyish",  "bad",  "back",  "baggy",  "bare",  "barren",  "basic",  "beautiful",  "belated",  "beloved",  "beneficial",  "better",  "best",  "bewitched",  "big",  "big-hearted",  "biodegradable",  "bite-sized",  "bitter",  "black",  "black-and-white",  "bland",  "blank",  "blaring",  "bleak",  "blind",  "blissful",  "blond",  "blue",  "blushing",  "bogus",  "boiling",  "bold",  "bony",  "boring",  "bossy",  "both",  "bouncy",  "bountiful",  "bowed",  "brave",  "breakable",  "brief",  "bright",  "brilliant",  "brisk",  "broken",  "bronze",  "brown",  "bruised",  "bubbly",  "bulky",  "bumpy",  "buoyant",  "burdensome",  "burly",  "bustling",  "busy",  "buttery",  "buzzing",  "calculating",  "calm",  "candid",  "canine",  "capital",  "carefree",  "careful",  "careless",  "caring",  "cautious",  "cavernous",  "celebrated",  "charming",  "cheap",  "cheerful",  "cheery",  "chief",  "chilly",  "chubby",  "circular",  "classic",  "clean",  "clear",  "clear-cut",  "clever",  "close",  "closed",  "cloudy",  "clueless",  "clumsy",  "cluttered",  "coarse",  "cold",  "colorful",  "colorless",  "colossal",  "comfortable",  "common",  "compassionate",  "competent",  "complete",  "complex",  "complicated",  "composed",  "concerned",  "concrete",  "confused",  "conscious",  "considerate",  "constant",  "content",  "conventional",  "cooked",  "cool",  "cooperative",  "coordinated",  "corny",  "corrupt",  "costly",  "courageous",  "courteous",  "crafty",  "crazy",  "creamy",  "creative",  "creepy",  "criminal",  "crisp",  "critical",  "crooked",  "crowded",  "cruel",  "crushing",  "cuddly",  "cultivated",  "cultured",  "cumbersome",  "curly",  "curvy",  "cute",  "cylindrical",  "damaged",  "damp",  "dangerous",  "dapper",  "daring",  "darling",  "dark",  "dazzling",  "dead",  "deadly",  "deafening",  "dear",  "dearest",  "decent",  "decimal",  "decisive",  "deep",  "defenseless",  "defensive",  "defiant",  "deficient",  "definite",  "definitive",  "delayed",  "delectable",  "delicious",  "delightful",  "delirious",  "demanding",  "dense",  "dental",  "dependable",  "dependent",  "descriptive",  "deserted",  "detailed",  "determined",  "devoted",  "different",  "difficult",  "digital",  "diligent",  "dim",  "dimpled",  "dimwitted",  "direct",  "disastrous",  "discrete",  "disfigured",  "disgusting",  "disloyal",  "dismal",  "distant",  "downright",  "dreary",  "dirty",  "disguised",  "dishonest",  "dismal",  "distant",  "distinct",  "distorted",  "dizzy",  "dopey",  "doting",  "double",  "downright",  "drab",  "drafty",  "dramatic",  "dreary",  "droopy",  "dry",  "dual",  "dull",  "dutiful",  "each",  "eager",  "earnest",  "early",  "easy",  "easy-going",  "ecstatic",  "edible",  "educated",  "elaborate",  "elastic",  "elated",  "elderly",  "electric",  "elegant",  "elementary",  "elliptical",  "embarrassed",  "embellished",  "eminent",  "emotional",  "empty",  "enchanted",  "enchanting",  "energetic",  "enlightened",  "enormous",  "enraged",  "entire",  "envious",  "equal",  "equatorial",  "essential",  "esteemed",  "ethical",  "euphoric",  "even",  "evergreen",  "everlasting",  "every",  "evil",  "exalted",  "excellent",  "exemplary",  "exhausted",  "excitable",  "excited",  "exciting",  "exotic",  "expensive",  "experienced",  "expert",  "extraneous",  "extroverted",  "extra-large",  "extra-small",  "fabulous",  "failing",  "faint",  "fair",  "faithful",  "fake",  "false",  "familiar",  "famous",  "fancy",  "fantastic",  "far",  "faraway",  "far-flung",  "far-off",  "fast",  "fat",  "fatal",  "fatherly",  "favorable",  "favorite",  "fearful",  "fearless",  "feisty",  "feline",  "female",  "feminine",  "few",  "fickle",  "filthy",  "fine",  "finished",  "firm",  "first",  "firsthand",  "fitting",  "fixed",  "flaky",  "flamboyant",  "flashy",  "flat",  "flawed",  "flawless",  "flickering",  "flimsy",  "flippant",  "flowery",  "fluffy",  "fluid",  "flustered",  "focused",  "fond",  "foolhardy",  "foolish",  "forceful",  "forked",  "formal",  "forsaken",  "forthright",  "fortunate",  "fragrant",  "frail",  "frank",  "frayed",  "free",  "French",  "fresh",  "frequent",  "friendly",  "frightened",  "frightening",  "frigid",  "frilly",  "frizzy",  "frivolous",  "front",  "frosty",  "frozen",  "frugal",  "fruitful",  "full",  "fumbling",  "functional",  "funny",  "fussy",  "fuzzy",  "gargantuan",  "gaseous",  "general",  "generous",  "gentle",  "genuine",  "giant",  "giddy",  "gigantic",  "gifted",  "giving",  "glamorous",  "glaring",  "glass",  "gleaming",  "gleeful",  "glistening",  "glittering",  "gloomy",  "glorious",  "glossy",  "glum",  "golden",  "good",  "good-natured",  "gorgeous",  "graceful",  "gracious",  "grand",  "grandiose",  "granular",  "grateful",  "grave",  "gray",  "great",  "greedy",  "green",  "gregarious",  "grim",  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"secretary",  "section",  "sectional",  "sector",  "secure",  "security",  "seed",  "seeder",  "segment",  "select",  "selection",  "self",  "sell",  "semicircle",  "semicolon",  "senator",  "sense",  "sentence",  "sepal",  "september",  "septicaemia",  "series",  "servant",  "server",  "service",  "session",  "set",  "setting",  "settler",  "sewer",  "sex",  "shack",  "shade",  "shadow",  "shadowbox",  "shake",  "shakedown",  "shaker",  "shallot",  "shame",  "shampoo",  "shanty",  "shape",  "share",  "shark",  "sharon",  "shawl",  "shearling",  "shears",  "sheath",  "shed",  "sheep",  "sheet",  "shelf",  "shell",  "sherry",  "shield",  "shift",  "shin",  "shine",  "shingle",  "ship",  "shirt",  "shirtdress",  "shoat",  "shock",  "shoe",  "shoehorn",  "shoe-horn",  "shoelace",  "shoemaker",  "shoes",  "shoestring",  "shofar",  "shoot",  "shootdown",  "shop",  "shopper",  "shopping",  "shore",  "shortage",  "shorts",  "shortwave",  "shot",  "shoulder",  "shovel",  "show",  "shower",  "show-stopper",  "shred",  "shrimp",  "shrine",  "siamese",  "siberian",  "sibling",  "sick",  "side",  "sideboard",  "sideburns",  "sidecar",  "sidestream",  "sidewalk",  "siding",  "sign",  "signature",  "signet",  "significance",  "signup",  "silica",  "silk",  "silkworm",  "sill",  "silo",  "silver",  "simple",  "sing",  "singer",  "single",  "sink",  "sister",  "sister-in-law",  "sit",  "sitar",  "size",  "skate",  "skiing",  "skill",  "skin",  "skirt",  "skulduggery",  "skull",  "skullcap",  "skullduggery",  "skunk",  "sky",  "skylight",  "skyscraper",  "skywalk",  "slapstick",  "slash",  "slave",  "sled",  "sledge",  "sleep",  "sleet",  "sleuth",  "slice",  "slider",  "slime",  "slip",  "slipper",  "slippers",  "slope",  "sloth",  "smash",  "smell",  "smelting",  "smile",  "smock",  "smog",  "smoke",  "smuggling",  "snail",  "snake",  "snakebite",  "sneakers",  "sneeze",  "snob",  "snorer",  "snow",  "snowboarding",  "snowflake",  "snowman",  "snowmobiling",  "snowplow",  "snowstorm",  "snowsuit",  "snuggle",  "soap",  "soccer",  "society",  "sociology",  "sock",  "socks",  "soda",  "sofa",  "softball",  "softdrink",  "softening",  "software",  "soil",  "soldier",  "solid",  "solitaire",  "sombrero",  "somersault",  "somewhere",  "son",  "song",  "songbird",  "sonnet",  "soot",  "soprano",  "sorbet",  "sort",  "soulmate",  "sound",  "soup",  "source",  "sourwood",  "sousaphone",  "south",  "south africa",  "south america",  "south korea",  "sow",  "soy",  "soybean",  "space",  "spacing",  "spade",  "spaghetti",  "spain",  "spandex",  "spank",  "spark",  "sparrow",  "spasm",  "speaker",  "speakerphone",  "spear",  "special",  "specialist",  "specific",  "spectacle",  "spectacles",  "spectrograph",  "speedboat",  "spend",  "sphere",  "sphynx",  "spider",  "spike",  "spinach",  "spine",  "spiral",  "spirit",  "spiritual",  "spite",  "spleen",  "split",  "sponge",  "spoon",  "sport",  "spot",  "spotlight",  "spray",  "spread",  "spring",  "sprinter",  "sprout",  "spruce",  "spume",  "spur",  "spy",  "square",  "squash",  "squatter",  "squeegee",  "squid",  "squirrel",  "stable",  "stack",  "stacking",  "stadium",  "staff",  "stag",  "stage",  "stain",  "stair",  "staircase",  "stallion",  "stamen",  "stamina",  "stamp",  "stance",  "standoff",  "star",  "start",  "starter",  "state",  "statement",  "station",  "station-wagon",  "statistic",  "statistician",  "steak",  "steal",  "steam",  "steamroller",  "steel",  "steeple",  "stem",  "stencil",  "step",  "step-aunt",  "step-brother",  "stepdaughter",  "step-daughter",  "step-father",  "step-grandfather",  "step-grandmother",  "stepmother",  "step-mother",  "stepping-stone",  "steps",  "step-sister",  "stepson",  "step-son",  "step-uncle",  "steven",  "stew",  "stick",  "stiletto",  "still",  "stinger",  "stitch",  "stock",  "stocking",  "stockings",  "stock-in-trade",  "stole",  "stomach",  "stone",  "stonework",  "stool",  "stop",  "stopsign",  "stopwatch",  "store",  "storey",  "storm",  "story",  "storyboard",  "story-telling",  "stove",  "strait",  "stranger",  "strap",  "straw",  "strawberry",  "stream",  "street",  "streetcar",  "stress",  "stretch",  "strike",  "string",  "strip",  "structure",  "struggle",  "stud",  "student",  "studio",  "study",  "stuff",  "stumbling",  "sturgeon",  "style",  "styling",  "stylus",  "subcomponent",  "subconscious",  "submarine",  "subroutine",  "subsidence",  "substance",  "suburb",  "subway",  "success",  "suck",  "sudan",  "suede",  "suffocation",  "sugar",  "suggestion",  "suit",  "suitcase",  "sultan",  "summer",  "sun",  "sunbeam",  "sunbonnet",  "sunday",  "sundial",  "sunflower",  "sunglasses",  "sunlamp",  "sunroom",  "sunshine",  "supermarket",  "supply",  "support",  "supporter",  "suppression",  "surface",  "surfboard",  "surgeon",  "surgery",  "surname",  "surprise",  "susan",  "sushi",  "suspect",  "suspenders",  "sustainment",  "SUV",  "swallow",  "swamp",  "swan",  "swath",  "sweat",  "sweater",  "sweats",  "sweatshirt",  "sweatshop",  "sweatsuit",  "swedish",  "sweets",  "swell",  "swim",  "swimming",  "swimsuit",  "swing",  "swiss",  "switch",  "switchboard",  "swivel",  "sword",  "swordfish",  "sycamore",  "syndicate",  "synergy",  "synod",  "syria",  "syrup",  "system",  "tabby",  "tabernacle",  "table",  "tablecloth",  "tabletop",  "tachometer",  "tackle",  "tadpole",  "tail",  "tailor",  "tailspin",  "taiwan",  "tale",  "talk",  "tam",  "tambour",  "tambourine",  "tam-o'-shanter",  "tandem",  "tangerine",  "tank",  "tanker",  "tankful",  "tank-top",  "tanzania",  "tap",  "target",  "tassel",  "taste",  "tatami",  "tattler",  "tattoo",  "taurus",  "tavern",  "tax",  "taxi",  "taxicab",  "tea",  "teacher",  "teaching",  "team",  "tear",  "technician",  "technologist",  "technology",  "teen",  "teeth",  "telephone",  "telescreen",  "teletype",  "television",  "teller",  "temp",  "temper",  "temperature",  "temple",  "tempo",  "temporariness",  "temptress",  "tendency",  "tenement",  "tennis",  "tenor",  "tent",  "tepee",  "term",  "terracotta",  "terrapin",  "territory",  "test",  "text",  "textbook",  "texture",  "thailand",  "thanks",  "thaw",  "theater",  "theism",  "theme",  "theoretician",  "theory",  "therapist",  "thermals",  "thermometer",  "thigh",  "thing",  "thinking",  "thistle",  "thomas",  "thong",  "thongs",  "thorn",  "thought",  "thread",  "thrill",  "throat",  "throne",  "thrush",  "thumb",  "thunder",  "thunderbolt",  "thunderhead",  "thunderstorm",  "thursday",  "tiara",  "tic",  "ticket",  "tie",  "tiger",  "tight",  "tights",  "tile",  "till",  "timbale",  "time",  "timeline",  "timeout",  "timer",  "timpani",  "tin",  "tinderbox",  "tinkle",  "tintype",  "tip",  "tire",  "tissue",  "titanium",  "title",  "toad",  "toast",  "toe",  "toenail",  "toga",  "togs",  "toilet",  "tom",  "tomato",  "tomography",  "tomorrow",  "tom-tom",  "ton",  "tongue",  "toot",  "tooth",  "toothbrush",  "toothpaste",  "toothpick",  "top",  "top-hat",  "topsail",  "toque",  "torchiere",  "toreador",  "tornado",  "torso",  "tortellini",  "tortoise",  "tosser",  "total",  "tote",  "touch",  "tough",  "tough-guy",  "tour",  "tourist",  "towel",  "tower",  "town",  "townhouse",  "tow-truck",  "toy",  "trachoma",  "track",  "tracksuit",  "tractor",  "trade",  "tradition",  "traditionalism",  "traffic",  "trail",  "trailer",  "train",  "trainer",  "training",  "tram",  "tramp",  "transaction",  "translation",  "transmission",  "transom",  "transport",  "trapdoor",  "trapezium",  "trapezoid",  "trash",  "travel",  "tray",  "treatment",  "tree",  "trellis",  "tremor",  "trench",  "trial",  "triangle",  "tribe",  "trick",  "trigonometry",  "trim",  "trinket",  "trip",  "tripod",  "trolley",  "trombone",  "trooper",  "trouble",  "trousers",  "trout",  "trove",  "trowel",  "truck",  "truckit",  "trumpet",  "trunk",  "trust",  "try",  "t-shirt",  "tsunami",  "tub",  "tuba",  "tube",  "tuesday",  "tugboat",  "tulip",  "tummy",  "tuna",  "tune",  "tune-up",  "tunic",  "tunnel",  "turban",  "turkey",  "turkish",  "turn",  "turnip",  "turnover",  "turnstile",  "turret",  "turtle",  "tussle",  "tutu",  "tuxedo",  "tv",  "twig",  "twilight",  "twine",  "twist",  "twister",  "two",  "typewriter",  "typhoon",  "tyvek",  "uganda",  "ukraine",  "ukrainian",  "ukulele",  "umbrella",  "unblinking",  "uncle",  "underclothes",  "underground",  "underneath",  "underpants",  "underpass",  "undershirt",  "underwear",  "underwire",  "unibody",  "uniform",  "union",  "unit",  "united kingdom",  "urn",  "use",  "usher",  "utensil",  "uzbekistan",  "vacation",  "vacuum",  "vagrant",  "valance",  "valley",  "valuable",  "value",  "van",  "vane",  "vanity",  "variation",  "variety",  "vase",  "vast",  "vault",  "vaulting",  "veal",  "vegetable",  "vegetarian",  "vehicle",  "veil",  "vein",  "veldt",  "vellum",  "velodrome",  "velvet",  "venezuela",  "venezuelan",  "venom",  "veranda",  "verdict",  "vermicelli",  "verse",  "version",  "vertigo",  "verve",  "vessel",  "vest",  "vestment",  "veterinarian",  "vibe",  "vibraphone",  "vibration",  "vietnam",  "view",  "villa",  "village",  "vineyard",  "vinyl",  "viola",  "violet",  "violin",  "virginal",  "virgo",  "virtue",  "viscose",  "vise",  "vision",  "visit",  "visitor",  "visor",  "vixen",  "voice",  "volcano",  "volleyball",  "voyage",  "vulture",  "wad",  "wafer",  "waffle",  "waist",  "waistband",  "waiter",  "waitress",  "walk",  "walker",  "walkway",  "wall",  "wallaby",  "wallet",  "walnut",  "walrus",  "wampum",  "wannabe",  "war",  "warden",  "warlock",  "warm-up",  "warning",  "wash",  "washbasin",  "washcloth",  "washer",  "washtub",  "wasp",  "waste",  "wastebasket",  "watch",  "watchmaker",  "water",  "waterbed",  "waterfall",  "waterskiing",  "waterspout",  "wave",  "wax",  "way",  "weakness",  "wealth",  "weapon",  "weasel",  "weather",  "web",  "wedge",  "wednesday",  "weed",  "weeder",  "weedkiller",  "week",  "weekend",  "weekender",  "weight",  "weird",  "well",  "west",  "western",  "wet-bar",  "wetsuit",  "whale",  "wharf",  "wheel",  "whip",  "whirlpool",  "whirlwind",  "whisker",  "whiskey",  "whistle",  "white",  "whole",  "wholesale",  "wholesaler",  "whorl",  "wife",  "wilderness",  "will",  "william",  "willow",  "wind",  "windage",  "wind-chime",  "window",  "windscreen",  "windshield",  "wine",  "wing",  "wingman",  "wingtip",  "winter",  "wire",  "wiseguy",  "wish",  "wisteria",  "witch",  "witch-hunt",  "withdrawal",  "witness",  "wolf",  "woman",  "wombat",  "women",  "wood",  "woodland",  "woodshed",  "woodwind",  "wool",  "woolen",  "word",  "work",  "workbench",  "worker",  "workhorse",  "worklife",  "workshop",  "world",  "worm",  "worthy",  "wound",  "wrap",  "wraparound",  "wrecker",  "wren",  "wrench",  "wrestler",  "wrinkle",  "wrist",  "writer",  "writing",  "wrong",  "xylophone",  "yacht",  "yak",  "yam",  "yard",  "yarmulke",  "yarn",  "yawl",  "year",  "yellow",  "yesterday",  "yew",  "yin",  "yogurt",  "yoke",  "young",  "youth",  "yugoslavian",  "yurt",  "zampone",  "zebra",  "zebrafish",  "zephyr",  "ziggurat",  "zinc",  "zipper",  "zither",  "zone",  "zoo",  "zoologist",  "zoology",  "zoot-suit",  "zucchini",  ]; |

## public/styles/main.css

|  |
| --- |
| body {    background: #222;    font-family: -apple-system, BlinkMacSystemFont, avenir next, avenir, segoe ui,      helvetica neue, helvetica, Ubuntu, roboto, noto, arial, sans-serif;    color: hotpink;  }  main {    position: absolute;    width: 100%;    height: 100%;    top: 0;    left: 0;    display: flex;    align-items: center;    justify-content: center;    flex-direction: column;    text-align: center;  }  h1 {    font-size: 3.5rem;  }  input {    appearance: none;    -webkit-appearance: none;    border: 0;    font-size: 0.9rem;    background: #888;    padding: 1rem;    color: white;    cursor: pointer;  }  footer {    position: absolute;    bottom: 0;  } |

## views/partials/header.ejs

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>    <meta charset="UTF-8">    <meta name="viewport" content="width=device-width, initial-scale=1.0">    <!-- Add the link to the CSS stylesheet here -->    <!-- Hint: the link is relative to the public folder -->     <link rel="stylesheet" href="/styles/main.css">    <title>Band Generator</title>  </head>  <body>  <main> |

## views/partials/footer.ejs

|  |
| --- |
| </main>  <footer>    <!-- Step 4 - Add a dynamic year to the footer using JS. -->    <p>Copyright © <%= new Date().getFullYear()%></p>  </footer>  </body>  </html> |

## views/index.ejs

|  |
| --- |
| <!-- Step 3 Add Header -->  <%- include("partials/header.ejs") %>  <!-- Step 2 - If an adjective and noun are sent to this ejs file,      Change the h1 to show the adjective and noun.      But when the user first goes on the website and there is no adjective and noun,      Show the default h1 below -->  <% if(locals.adj && locals.noun) { %>    <h1>      <%= adj %>      <%= noun %>    </h1>    <% } else { %>      <h1>Welcome to the Band Generator 🤟</h1>    <% } %>  <form action="/submit" method="POST">    <input type="submit" value="Generate Name">  </form>  <!-- Step 3 Add Footer -->  <%- include("partials/footer.ejs") %> |

## package.json

|  |
| --- |
| {    "name": "4.0-ejs",    "version": "1.0.0",    "description": "",    "main": "index.js",    "type": "module",    "scripts": {      "test": "echo \"Error: no test specified\" && exit 1"    },    "keywords": [],    "author": "",    "license": "ISC",    "dependencies": {      "body-parser": "^1.20.2",      "ejs": "^3.1.9",      "express": "^4.18.2"    }  } |

### 效果,开始界面

|  |
| --- |
|  |

### 点击Generate Name按钮,效果如下

|  |
| --- |
|  |