



**Course: Internet Programming Laboratory.**

**Course Code: CSE326.**

**ONLINE ASSIGNMENT**

**Topic Title: Indian Electricity Website.**

**Submitted by:**

Name	V. Koushik
Section	K21PP
Registration number	12112291
Roll Number	RK21PPA47

**Signature of the student:**

A handwritten signature in black ink, appearing to read 'V. Koushik', with a stylized flourish at the end.

*i. **INTRODUCTION:***

Electricity is an essential part of modern life and important to the U.S. economy. People use electricity for **lighting, heating, cooling**, and refrigeration and for operating appliances, computers, electronics, machinery, and public transportation systems.

The name of the topic is Indian electricity. This website is made with the help of **HTML, CSS** and **Java script**. This website is made by **V. Koushik**.

The website consists of the following:

- a) Home page with a login page,
- b) About page,
- c) Pay bill page,
- d) Distribution page,
- e) Contact page.

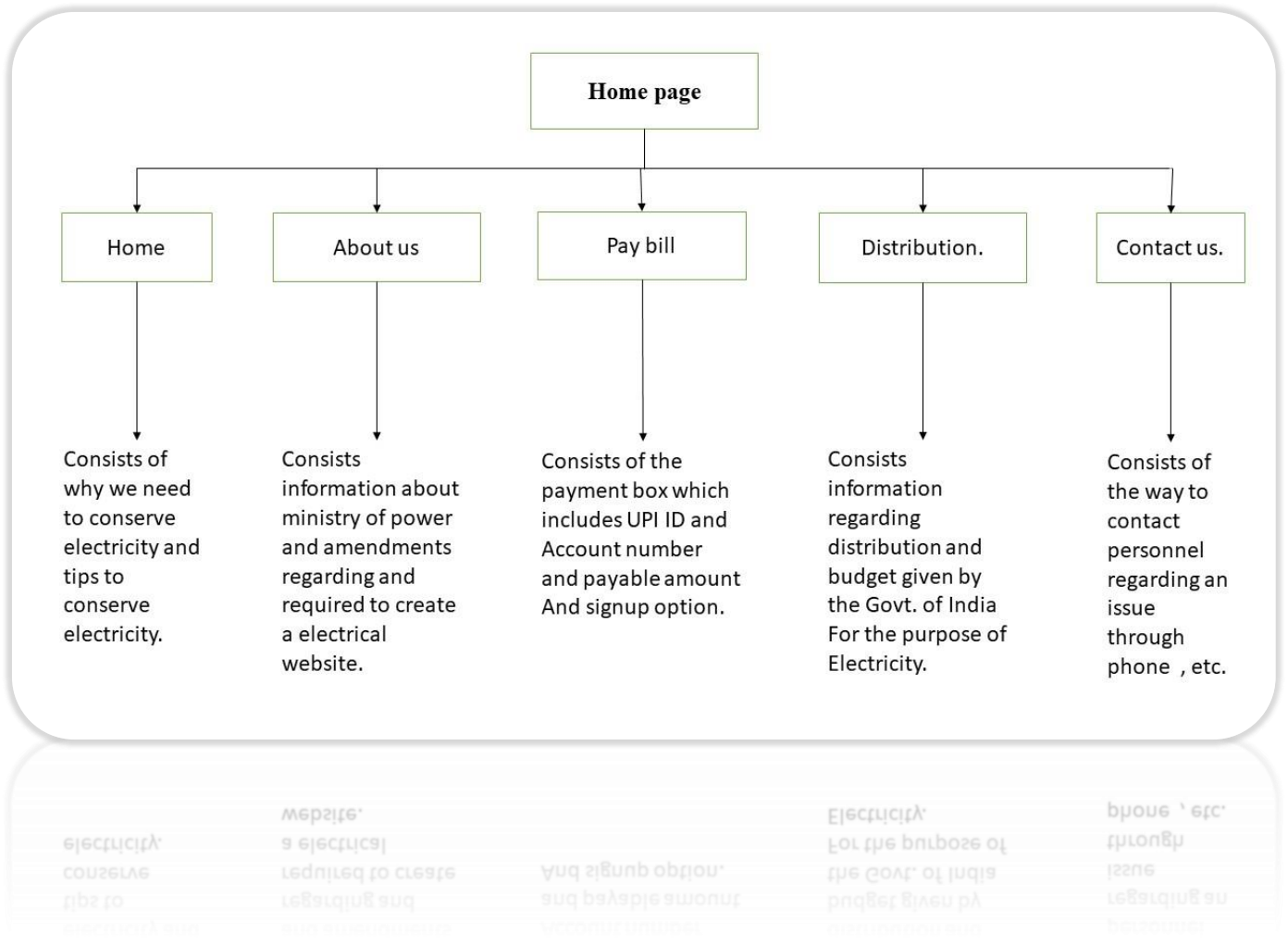
The first page of the website is **Home page** the code of the home page is in '**index.html**'. And from the home page we can redirect to any page on the website. The website contains information about:

- Why we need to conserve electricity?
- Tips to conserve electricity.
- A payment counter.
- And about us.

*ii. **Objective:***

- The objective of this project is to create a website using my current knowledge of HTML, CSS and JavaScript.
- It was to have experience regarding the construction of website.
- To learn the interlinking of website and implement them in our website.
- To use CSS in website and develop creative thinking to change the look of pages in our own way.
- To understand development of website and have the experience of creating a website for our further enhancement.

iii. Flowchart:

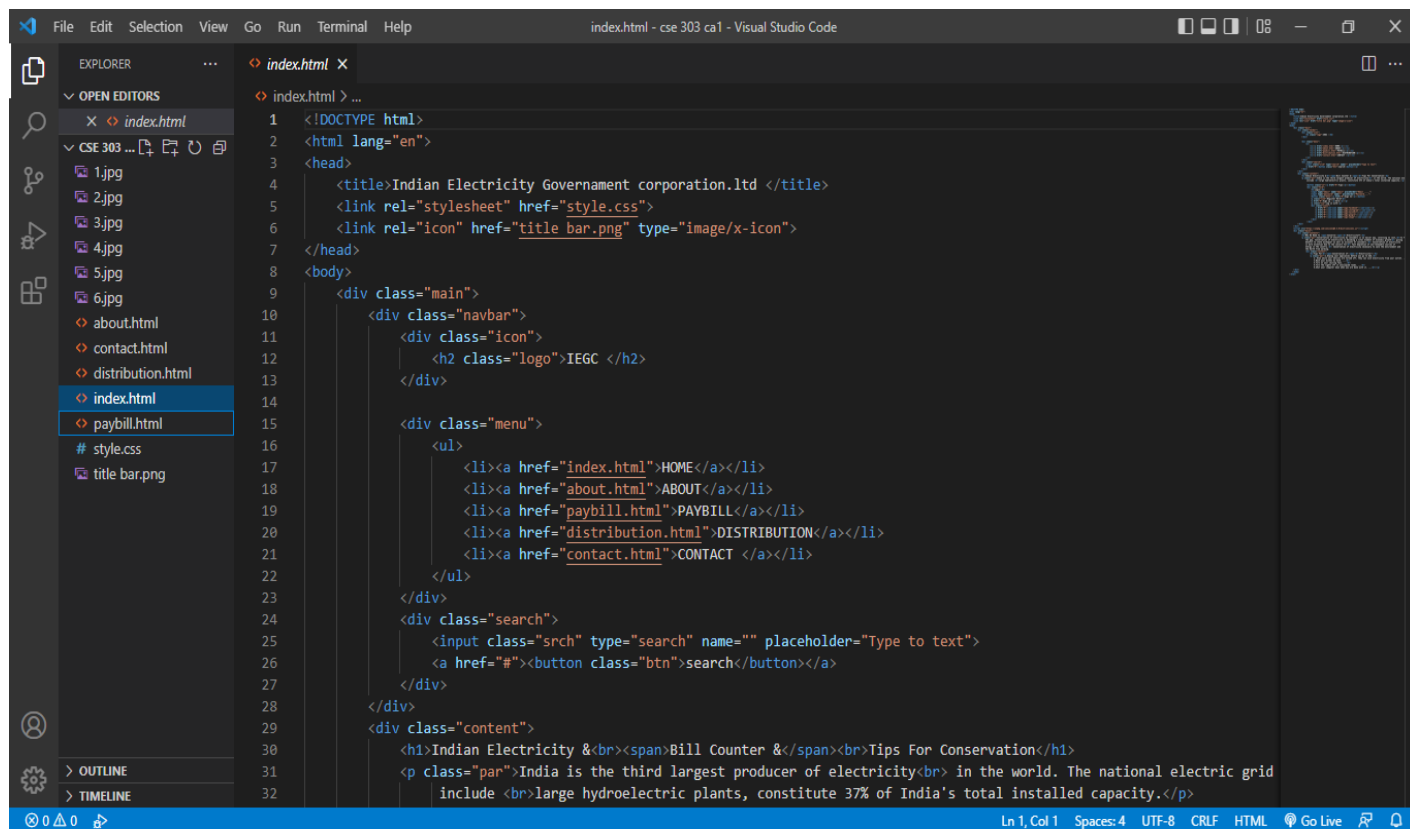


iv. **Work done by an individual member:**

- All the work in the following website was done by V. Koushik.

Home page is referred as index.html in the uploaded file.

The code is:



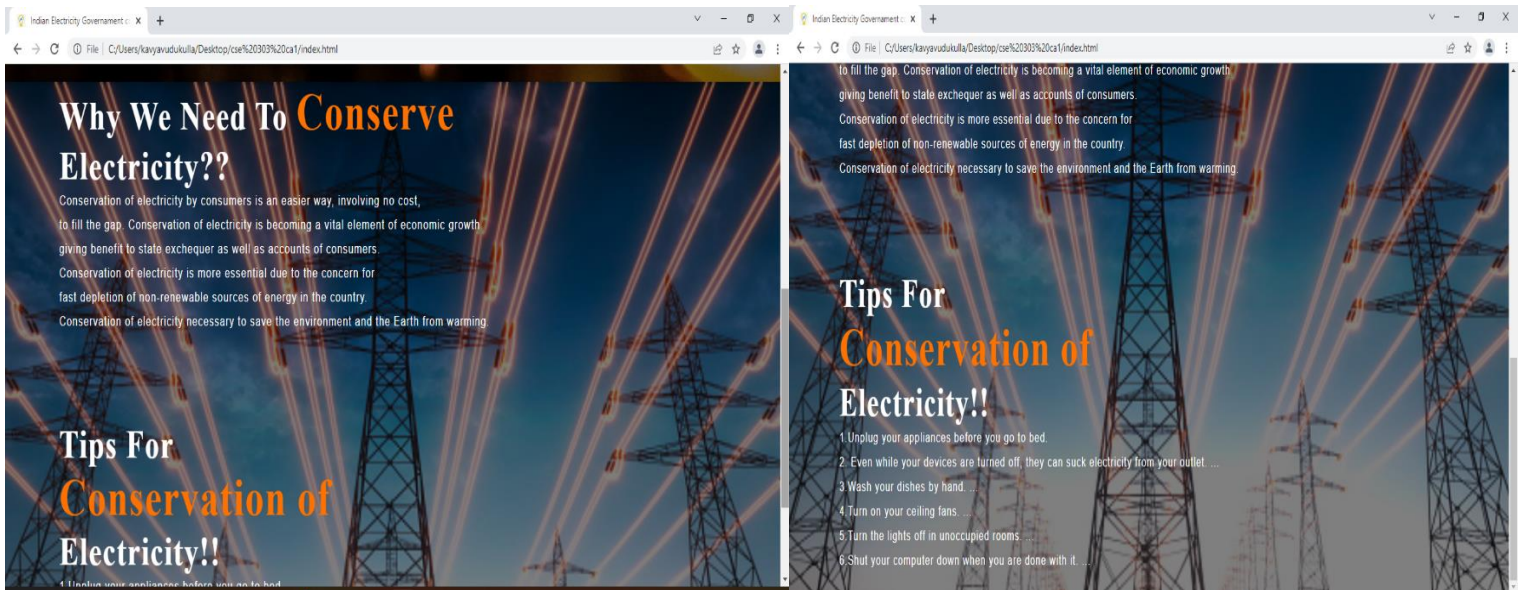
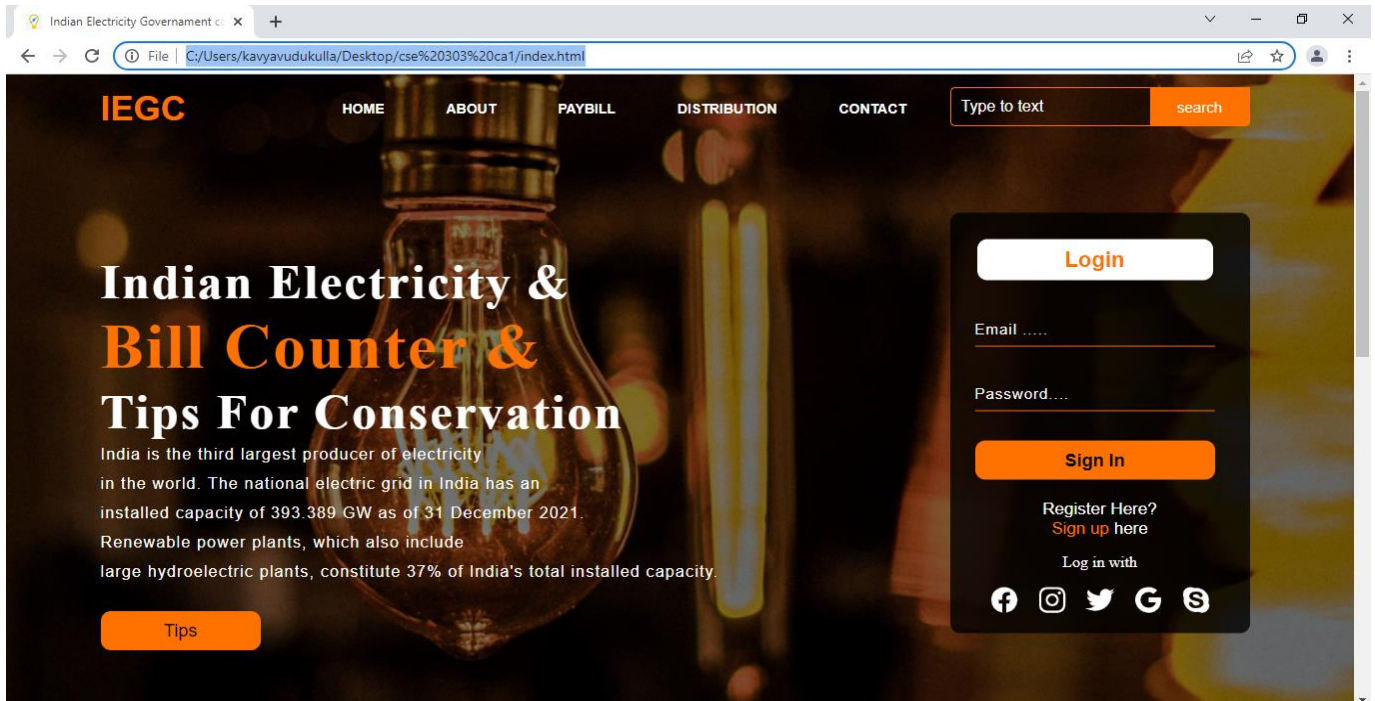
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Indian Electricity Government corporation.ltd </title>
5   <link rel="stylesheet" href="style.css">
6   <link rel="icon" href="title bar.png" type="image/x-icon">
7 </head>
8 <body>
9   <div class="main">
10     <div class="navbar">
11       <div class="icon">
12         <h2 class="logo">IEGC </h2>
13       </div>
14
15       <div class="menu">
16         <ul>
17           <li><a href="index.html">HOME</a></li>
18           <li><a href="about.html">ABOUT</a></li>
19           <li><a href="paybill.html">PAYBILL</a></li>
20           <li><a href="distribution.html">DISTRIBUTION</a></li>
21           <li><a href="contact.html">CONTACT </a></li>
22         </ul>
23       </div>
24
25       <div class="search">
26         <input class="srch" type="search" name="" placeholder="Type to text">
27         <a href="#"><button class="btn">search</button></a>
28       </div>
29     </div>
30
31     <div class="content">
32       <h1>Indian Electricity <br><span>Bill Counter </span><br>Tips For Conservation</h1>
33       <p class="par">India is the third largest producer of electricity<br>in the world. The national electric grid
34         include <br>large hydroelectric plants, constitute 37% of India's total installed capacity.</p>
35     </div>
36   </div>
37 </body>
38 </html>
```

The screenshot shows the Visual Studio Code editor with the file `index.html` open. The editor is in the "RUN AND DEBUG" mode. The code in `index.html` is as follows:

```
28 </div>
29 <div class="content">
30 <h1>Indian Electricity &<span>Bill Counter &</span><br>Tips For Conservation</h1>
31 <p class="par">India is the third largest producer of electricity<br> in the world. The national electric grid
32 include <br>large hydroelectric plants, constitute 37% of India's total installed capacity.</p>
33
34 <button class="cn"><a href="#">Tips</a></button>
35 <div class="form">
36 <h2>Login</h2>
37 <input type="email" name="email" placeholder="Email .....">
38 <input type="password" name="" placeholder="Password....">
39 <button class="btnn"><a href="#">Sign In</a></button>
40 <p class="link">Register Here<br>
41 <a href="#">Sign up </a>here</p>
42 <p class="liw">Log in with</p>
43 <div class="icons">
44 <a href="#"><ion-icon name="logo-facebook"></ion-icon></a>
45 <a href="#"><ion-icon name="logo-instagram"></ion-icon></a>
46 <a href="#"><ion-icon name="logo-twitter"></ion-icon></a>
47 <a href="#"><ion-icon name="logo-google"></ion-icon></a>
48 <a href="#"><ion-icon name="logo-skype"></ion-icon></a>
49 </div>
50 </div>
51 </div>
52
53 <script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>
54 <div class="main1">
55 <div class="content1">
56 <h1>Why We Need To <span>Conserve</span><br>Electricity??</h1>
57 <p class="par">Conservation of electricity by consumers is an easier way, involving no cost,<br>to fill
58 the gap. Conservation of electricity is becoming a vital element of economic growth<br> giving
59 benefit to state exchequer as well as accounts of consumers.<br> Conservation of electricity
```

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```
43 <div class="icons">
44 <a href="#"><ion-icon name="logo-facebook"></ion-icon></a>
45 <a href="#"><ion-icon name="logo-instagram"></ion-icon></a>
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48 <a href="#"><ion-icon name="logo-skype"></ion-icon></a>
49 </div>
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52
53 <script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>
54 <div class="main1">
55 <div class="content1">
56 <h1>Why We Need To <span>Conserve</span><br>Electricity??</h1>
57 <p class="par">Conservation of electricity by consumers is an easier way, involving no cost,<br>to fill
58 the gap. Conservation of electricity is becoming a vital element of economic growth<br> giving
59 benefit to state exchequer as well as accounts of consumers.<br> Conservation of electricity
60 is more essential due to the concern for<br> fast depletion of non-renewable sources of
61 energy in the country.<br> Conservation of electricity necessary to save the environment and
62 the Earth from warming.
63 <div class="content">
64 <h1>Tips For<br><span>Conservation of</span><br>Electricity!!</h1>
65 <p class="par">1.Unplug your appliances before you go to bed.<br>
66 2. Even while your devices are turned off, they can suck electricity from your outlet. ...<br>
67 3.Wash your dishes by hand. ...<br>
68 4.Turn on your ceiling fans. ...<br>
69 5.Turn the lights off in unoccupied rooms. ...<br>
70 6.Shut your computer down when you are done with it. ...<br></p>
71 </div>
72 </body>
73 </html>
```



- Refer to the submitted folder for the remaining code and report.



v. **Conclusion/Future scope:**

- This website has been done through the help of HTML CSS JavaScript the website has been made properly at most to my knowledge and skills.
- The website is about Indian electricity and methods to conserve electricity and payment counter.
- For the future I'd like to implement the website with full security and complete the website by having a domain.
- I would like to make it a responsive website and add live news, Press report, payments possible through all kinds of UPI and card services, etc.

vi. **References:**

- For HTML purposes and JavaScript: <https://www.w3schools.com/>
- Further reference: [www.youtube.com](http://www.youtube.com)
- And: [www.myclass.com](http://www.myclass.com)