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## Mini Project Documentation

### Review 1

Elements used from Module 2 (HTML):

- 1) Text elements:
  - a) Paragraph <p>
  - b) Heading <h1> , <h2>
- 2) Div <div>
- 3) Section <section>
- 4) Image <img>
- 5) List <ul>
- 6) Table <table>
- 7) Video <video>
- 8) Form <form>
- 9) Frame <iframe>
- 10) Span <span>
- 11) Header <header>
- 12) Footer <footer>

Elements used from Module 3 (CSS):

- 1) Background colour
- 2) Height and Width
- 3) Margin
- 4) Padding
- 5) Text:
  - a) Align
  - b) Font weight
  - c) Font family
  - d) Font size
  - e) Colour
- 6) Float
- 7) List style type
- 8) Line height
- 9) Display
- 10) Justify content
- 11) Position
- 12) Box shadow
- 13) Outline

- 14) Border
- 15) Text decoration
- 16) Perspective
- 17) Z-index
- 18) Visibility
- 19) Animation

Elements used from Module 4 (JavaScript):

- 1) Form validation:
  - a) Checking if all fields are filled/no field is left empty
  - b) Checking if the password matches the requirements using RegEx
  - c) Toggling visibility of error messages

Home Page

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Truculenta:opsz,wght@12..72,100..900&display=swap" rel="stylesheet">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Libre+Baskerville:ital,wght@0,400;0,700;1,400&family=Truculenta:opsz,wght@12..72,100..900&display=swap"
rel="stylesheet">
    <link rel="stylesheet" href="homecss.css">
    <title>Traffic Rules</title>
  </head>
  <body>
    <div class="main">
      <h1>A Comprehensive Guide to Indian Traffic Rules</h1>
      <section class="anim">
        <div class="trial">
          
          
        </div>
      </section>
      <section>
        <div class="para">
          
          <p id="beg_text">We observe a number of accidents taking place
each day because of irresponsible driving. It is the duty of every responsible
```

citizen to follow traffic rules when on a road. These rules are essential for road safety. Obeying traffic rules helps avoid accidents and mishaps on the road. It helps save lives. Traffic rules play a crucial role in ensuring the safety and orderliness of our roads. These regulations are designed to manage the flow of vehicles and pedestrians, minimizing the risk of accidents and promoting a smooth transportation system. Common traffic rules include obeying speed limits, following traffic signals and signs, using seat belts, and refraining from driving under the influence of alcohol or drugs. Adhering to these rules not only protects individual drivers and pedestrians but also contributes to the overall efficiency of the transportation network. It is essential for everyone on the road to be aware of and comply with traffic rules, fostering a safer and more organized environment for all road users.

```
</div>
</section>
<section class="list_container">
  <ul>BASIC RULES TO BE FOLLOWED ON THE ROAD
    <li>Cross road using the zebra-crossing.</li>
    <li>You must have a valid driving license to drive a
vehicle.</li>
    <li>Wear seatbelt while in a car.</li>
    <li>Wear a helmet when on a two-wheeler.</li>
  </ul>
</section>

<section>
  <div class="table_container">
    <table>
      <caption>Read More About:</caption>
      <tr>
        <td><a href="rules.html" target="_blank"></a></td>
        <td><a href="signs.html" target="_blank"></a></td>
        <td><a href="violations.html" target="_blank"></a></td>
      </tr>
      <tr id="text-row">
        <td>Traffic Rules</td>
        <td>Road Signs</td>
        <td>Traffic Violations</td>
      </tr>
    </table>
  </div>
</section>
<section>
  <div class="video">
    <h3 id="vidtext">Video on Traffic Rules</h3>
```

```

        <div class="plsbc">
            <video controls>
                <source
src="https://www.youtube.com/watch?v=PpEWxNj2xo" type="video/mp4">
            </video>
        </div>
    </div>
</section>
</div>
</body>
</html>

```

```

body{
    background: #222020;
}
.main{
    background-color: rgb(234, 237, 239);
    height: 80%;
    width: 80%;
    margin: 30px auto 30px auto;
    padding: 0px 20px 20px 20px;
    border: 3px solid rgb(208, 127, 246);
}

h1{
    color: rgb(247, 88, 88);
    font-family: 'Truculenta';
    font-weight: bolder;
    text-align: center;
    font-size: 60px;
    margin-bottom: 10px;
}

.trial{
    height: 60px;
    width: 100%;
    margin-top: 0;
    margin-bottom: 30px;
}

@keyframes move{
    0% {margin-left:10px;}
    100% {margin-left: 1000px;}
}

#car{
    float: left;
    height: 90px;
    margin-left: 10px;
    animation-name: move;
    animation-duration: 4s;
}

```

```
    animation-timing-function: ease-in-out;
    animation-iteration-count: infinite;
}
#light{
    float:right;
    margin-right: 10px;
    margin-top: 0;
    height: 80px;
}
.para{
    background-color: rgb(246, 246, 170);
    margin-top:80px;
    margin-bottom: 20px;
    margin-left:auto;
    margin-right:auto;
}
#homeimg1{
    height: 280px;
    width: 400px;
    padding: 20px 20px;
    float:left;
}
#beg_text{
    margin-top: 30px;
    padding: 20px 20px;
    text-align: center;
    font-size: 17px;
    font-weight: bold;
    font-family:'Libre Baskerville'
}
.list_container{
    background-color: rgb(151, 229, 158);
    margin-top: 100px;
    font-size: 20px;
    font-family: 'Libre Baskerville';
}
ul{
    list-style-type: none;
    text-align: center;
    line-height: 55px;
    font-weight: bold;
}
li{
    font-weight: normal;
    line-height: 40px;
}
.table_container{
    margin-top: 100px;
```

```
margin-bottom: 20px;
height: 200px;
width: 100%;
padding-top: 10px;
}
caption{
font-family: 'Libre Baskerville';
font-size: 30px;
font-weight: bold;
margin-bottom: 10px;
}
table, td{
background-color: rgb(230, 172, 237);
margin-left: auto;
margin-right: auto;
column-width: 400px;
}
tr{
text-align: center;
}
#text-row{
color: black;
font-family: 'Libre Baskerville';
font-weight: bolder;
}
.video{
background-color: rgb(250, 126, 150);
margin: 200px auto 30px auto;
height: 500px;
width: 850px;
padding: 10px 10px 50px 10px;
}
#vidtext{
font-family: 'Libre Baskerville';
font-size: 30px;
text-align: center;
}
video{
width: 65%;
height: 80%;
margin-left: auto;
margin-right: auto;
display: block;
}
```

# A Comprehensive Guide to Indian Traffic Rules



We observe a number of accidents taking place each day because of irresponsible driving. It is the duty of every responsible citizen to follow traffic rules when on a road. These rules are essential for road safety. Obeying traffic rules helps avoid accidents and mishaps on the road. It helps save lives. Traffic rules play a crucial role in ensuring the safety and orderliness of our roads. These regulations are designed to manage the flow of vehicles and pedestrians, minimizing the risk of accidents and promoting a smooth transportation system. Common traffic rules include obeying speed limits, following traffic signals and signs, using seat belts, and refraining from driving under the influence of alcohol or drugs. Adhering to these rules not only protects individual drivers and pedestrians but also contributes to the overall efficiency of the transportation network. It is essential for everyone on the road to be aware of and comply with traffic rules, fostering a safer and more organized environment for all road users.

## BASIC RULES TO BE FOLLOWED ON THE ROAD

- Cross road using the zebra-crossing.
- You must have a valid driving license to drive a vehicle.
- Wear seatbelt while in a car.
- Wear a helmet when on a two-wheeler.

## Read More About:



Traffic Rules

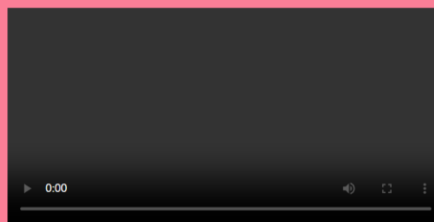


Road Signs



Traffic Violations

## Video on Traffic Rules



```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" href="firstcss.css">
    <title>Traffic Rules</title>
    <script>
      function validateSignup(){
        let name=document.getElementById("name").value;
        let uname=document.getElementById("username2").value;
        let password=document.getElementById("passwd2").value;
        let message=document.getElementById("message");
        let right=document.getElementById("img_dis");
        let wrong=document.getElementById("img_wrong");

        if (name==" " || name==""){
          message.innerHTML="Please enter your name";
          message.style.visibility="visible";
          right.style.visibility="hidden";
          wrong.style.visibility="visible";
          return false;
        }
        if (uname==" " || uname==""){
          message.innerHTML="Please enter a username";
          message.style.visibility="visible";
          right.style.visibility="hidden";
          wrong.style.visibility="visible";
          return false;
        }
        if (password==" " || password==""){
          message.innerHTML="Please enter a password";
          message.style.visibility="visible";
          right.style.visibility="hidden";
          wrong.style.visibility="visible";
          return false;
        }
        let check=/^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}$/;
        if (!check.test(password)){
          message.innerHTML="Please follow the guidelines for setting up a password.";
          message.style.visibility="visible";
          right.style.visibility="hidden";
          wrong.style.visibility="visible";
          return false;
        }
        message.innerHTML="";
        right.style.visibility="visible";
        wrong.style.visibility="hidden";
        return true;
      }
    </script>
  </head>
  <body>
```





```

        <p id="message">Please follow the
guidelines for setting up a password.</p>
    </div>
    <div class="form_fields">
        <label for="name">Name</label>
        <input type="text" id="name"
placeholder="Name">
    </div>
    <div class="form_fields">
        <label for="username">Username</label>
        <input type="text" id="username2"
placeholder="Username">
    </div>
    <div class="form_fields">
        <label for="password">Password</label>
        <input type="password" id="passwd2"
placeholder="Password">
    </div>
    <div class="instructions">
        <ul id="list1" style="list-style-type:
none;">
            <li>Password must be longer than 8
characters.</li>
            <li>Password must have<ul id="list2">
                <li>at least one uppercase
character</li>
                <li>at least one lowercase
character</li>
                <li>at least one number</li>
            </ul></li>
        </ul>
    </div>
    <div class="button">
        <input type="submit" value="Submit">
    </div>
    <div class="change">
        Already have an account? <label
for="flip">Login</label>
    </div>
</div>
</form>
</div>

<div class="login_form">
    <div class="title">Login</div>
    <form onsubmit="return validateLogin()"
action="home_page2.html">

```

```

        <div class="form_box">
            <div class="form_fields">
                <label for="username2">Username</label>
                <input type="text" id="username"
placeholder="Username">
            </div>
            <div class="form_fields">
                <label for="password2">Password</label>
                <input type="password" id="passwd"
placeholder="Password">
            </div>
            <div class="mess_text">
                <p id="message2">Please enter your
username.</p>
            </div>
            <div class="button">
                <input type="submit" value="Submit"></a>
            </div>
            <div class="change">
                Don't have an account? <label
for="flip">Sign Up</label>
            </div>
        </div>
    </div>
</form>
</div>
</body>
</html>

```

```

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
body{
    min-width: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    background: #222020;
    padding: 30px;
}
.main{

```

```
background-color: rgb(234, 237, 239);
height: 80%;
width: fit-content;
margin: auto auto auto auto;
}
.container{
  position: relative;
  max-width: 900px;
  width: 110%;
  height: 650px;
  background: #fff;
  margin: auto auto auto auto;
  padding: 40px 30px;
  box-shadow: 0 5px 10px rgba(0,0,0,0.2);
  perspective: 2700px;
}
.container .cover{
  position: absolute;
  top: 0;
  left: 50%;
  height: 100%;
  width: 55%;
  z-index: 98;
  transition: all 1s ease;
  transform-origin: left;
  transform-style: preserve-3d;
}
.container #flip:checked ~ .cover{
  transform: rotateY(-180deg);
}
.container .cover .front{
  position: absolute;
  top: 0;
  left: 0;
  height: 100%;
  width: 100%;
}
.container .cover::before, .container .cover::after{
  content: ' ';
  position: absolute;
  height: 100%;
  width: 100%;
  background: #be95f5;
  z-index: 3;
}
.container .cover::after{
  transform: rotateY(180deg);
  backface-visibility: hidden;
```

```

}
.container .cover #img_dis, #img_wrong{
    position: absolute;
    background-color: #be95f5;
    height: 100%;
    width: 100%;
    object-fit: scale-down;
    z-index: 10;
}
#img_dis{
    visibility: visible;
}
#img_wrong{
    visibility: hidden;
}
form{
    height: 100%;
    width: 100%;
    background: #fff;
    text-align: center;
    font-family: Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;
}
.container .form_content{
    display: flex;
    align-items: center;
    justify-content: space-between;
}
.form_content .login_form, .form_content .signup_form{
    width: calc(120%/2-20px);
}
.form_content .title{
    position: relative;
    font-size: 24px;
    font-weight: 500;
    color: #333;
}
.form_content .title:before{
    width: 20px;
}
.form_content .form_box{
    margin-top: 30px;
}
.form_content .form_fields{
    display: flex;
    align-items: center;
    height: 50px;
    width: 100%;
    margin: 15px 0;
}

```

```
    position: relative;
}
.mess_text{
    width: calc(120%/2-25px);
    height: 20px;
    visibility: hidden;
    margin-top: 15px;
}
.instructions{
    margin: 20px 0 20px 0;
}
#list1{
    list-style-type: none;
}
.form_content .form_fields input{
    height: 100%;
    width: 100%;
    outline: none;
    border: none;
    padding: 0 30px;
    font-size: 16px;
    font-weight: 500;
    border-bottom: 2px solid rgba(0,0,0,0.2);
    transition: all 0.3s ease;
}
.form_content .form_fields input:focus{
    border-color: #9653ef;
}
.form_content .form_box .button{
    color: #d1fad4;
    margin-top: 55px;
}
.form_content .form_box .button input{
    color: #fff;
    height: 50px;
    width: 80px;
    font-size: larger;
    font-family: Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;
    background-color: #9653ef;
    border-radius: 6px;
    padding: 0;
    cursor: pointer;
    transition: all 0.4s ease;
}
.form_content .form_box .button input:hover{
    background-color: #5b13b9;
}
.form_content .form_box label{
```

```

color: #b915f5;
cursor: pointer;
}

.form_content .form_box label:hover{
text-decoration: underline;
}

.form_content .form_box .change{
text-align: center;
margin-top: 35px;
}

.container #flip{
display: none;
}

@media (max-width: 730px){
.form_content .login_form, .form_content .signup_form{
width: 120%;
}

.form_content .signup_form{
display: none;
}

.container #flip:checked ~ .form_content .signup_form{
display: block;
}

.container #flip:checked ~ .form_content .login_form{
display: none;
}
}

```

## Sign Up

Name

Username

Password

Password must be longer than 8 characters.

at least one uppercase character


at least one lowercase character

at least one number

Submit

Already have an account?

[Login](#)



## Sign Up

Please follow the guidelines for setting up a password.

**Name**

**Username**

**Password**

Password must be longer than 8 characters.  
 Password must have  
 at least one uppercase character  
 at least one lowercase character  
 at least one number

Already have an account? [Login](#)

## Login

**Username**

**Password**

Please enter your username

Don't have an account? [Sign Up](#)

## Rules Page

```

<!DOCTYPE html>
<html>
  <head>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Truculenta:opsz,wght@12..72,100
..900&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="norm_pages.css">
  </head>

```



```

<body>
  <div class="main">
    <h1>Indian Traffic Rules</h1>
    <div class="if_rules">
      <iframe class="pdf" src="traffic Guidelines.pdf"></iframe>
    </div>
  </div>
  <footer>
    <div class="foot-icon-next">
      <h2 id="next" class="foot_text"><a href="signs.html">Next</a>
      <span class="arrow">
        
      </span>
    </h2>
    </div>
  </footer>
</body>
</html>

```

```

body {
  background-color: #222020;
}

.main {
  background-color: rgb(234, 237, 239);
  height: 60%;
  width: 80%;
  margin: auto auto auto auto;
  border: 3px solid rgb(208, 127, 246);
}

h1 {
  text-align: center;
  font-family: 'Truculenta';
  font-size: 70px;
}

h2{
  text-align: center;
  font-family: 'Truculenta';
  font-size: 55px;
}

iframe{
  margin-left: auto;
  margin-right: auto;
  display: block;
  height: 800px;
  width: 1000px;
}

```

```
}

footer {
    margin-top: 100px;
    height: 100px;
    background-color: bisque;
}

.foot-icon-next, .foot-icon-quiz {
    float: right;
    margin-right: 50px;
}

.foot-icon-prev{
    float: left;
    margin-left: 50px;
}

.foot_text {
    color: #222020;
    font-size: 30px;
    margin-right: 50px;
    font-family: 'Truculenta'
}

#next, #quiz{
    float: right;
}

#prev{
    float:left;
}

a:visited{
    color:#222020;
}

a:link {
    color: #222020;
}

a:hover {
    color: rgb(166, 95, 199);
}

img {
    height: 20px;
}

#beg_text{
    font-family: 'Libre Baskerville';
    font-size: 25px;
    text-align: center;
}

#feedback{
    margin-left: auto;
    margin-right: auto;
}
```

```
font-family: 'Libre Baskerville';
text-align: center;
font-size: 20px;
}
```

