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*Assignment : CA-1*

*Set - B*

*Subject : :FRONT END WEB DEVELOPER (INT219)*

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Github link for this assignment

<https://github.com/Subhash703/INT219CA1>

## Que : 1

Create an HTML form for booking room in a hotel. Perform JavaScript validation on all fields. The user must be alerted each time a field is left blank. Also add a CSS gradient to the body.

Ans : I DONE THIS TASK

- Specifications : This is a registration form for booking a hotel
- I made a button “Try Dummy Data” Which will fill the all details automatically (some dummy details)
- All the \* marked details has to be filled , else form will not be submitted and you will get an alert message.
- If all the \* details are filled properly , when you submit the form , **it will take you to the welcome page**
- The capacha is generated random 6 character length string using javascript, So please fill the capacha code correctly.

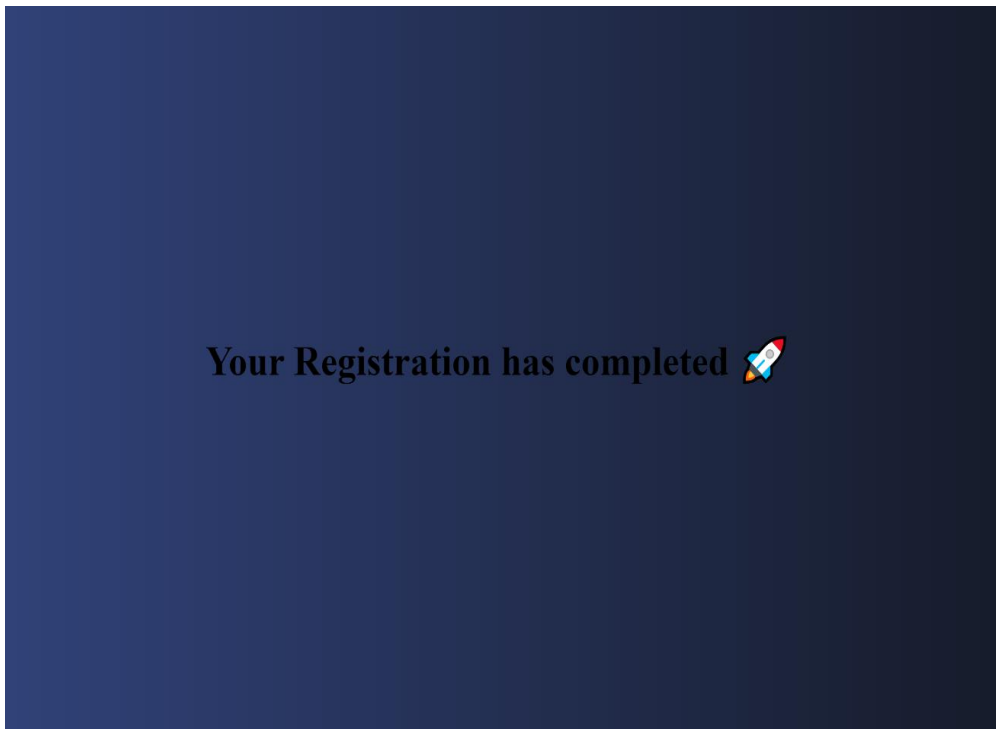
### ● Screen Shots

The screenshot shows a web form titled "Hotel Booking Form" on a red background. At the top, there is a text prompt "Click on this button , if you don't want to type everything ... 😊" and a purple button labeled "Try Dummy data". The form contains the following fields, all of which are filled with dummy data:

- Title\***: Mr (dropdown menu)
- FullName\***: Subhash Chandra
- Phone Number\***: 7073644358
- Mobile Number**: 7073644358
- Email\***: subhashchandra30720@gmail.com
- Street Address**: Malsar
- Town\***: Malsar
- City**: Sardarshahar
- No Of People\***: 4
- No Of Rooms\***: 2
- Arriving Date\***: 31-08-2020 (with a calendar icon)
- No Of Nights\***: 2
- Occupance**: ☒ Single, ☒ Twin, ☐ Double
- Addination Info**: A text area containing "We are coming there!!!"

Below the form fields, there is a CAPTCHA section. It displays a random string "OIJRDL" next to a green checkmark icon. Below the string is a text input field containing "OIJRDL". At the bottom right of the form is a blue "Submit" button.

When all details are correct , form will be submitted and redirect to new page.



CODE :

index.html

\*\*\*\*\*

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8"/>
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
```

```
  <meta http-equiv="X-UA-Compatible" content="ie=edge"/>
```

```
  <link rel="shortcut icon" href="">
```

```
  <title>Book Your Hotel Online</title>
```

```
  <link rel="stylesheet" href="/styles.css"/>
```

```
</head>
```

```
<body>
```

```
  <div class="container">
```

```
    <h2 style="text-align: center; color: aqua;">Click on this button , if you don't want to type  
    everything ... </h2>
```

```
    <button id="dummyData">Try Dummy data</button>
```

```
    <h1 class="header">Hotel Booking Form </h1>
```

```
    <hr>
```

```
<div class="form-outer">
  <form action="#">
    <div class="form-group">
      <label for="title">Title*</label>
      <select name="title" id="title" >
        <option value="" selected></option>
        <option value="Miss">Miss</option>
        <option value="Mr">Mr</option>
        <option value="Mrs">Mrs</option>
        <option value="M"></option>
      </select>
    </div>

    <div class="form-group">
      <label for="fullName">FullName*</label>
      <input type="text" id="fullName">
    </div>

    <div class="form-group">
      <label for="phoneNumber">Phone Number*</label>
      <input type="number" id="phoneNumber">
    </div>

    <div class="form-group">
      <label for="mobileNumber">Mobile Number</label>
      <input type="number" id="mobileNumber">
    </div>

    <div class="form-group">
      <label for="email">Email*</label>
      <input type="email" id="email">
    </div>

    <div class="form-group">
      <label for="street">Street Address</label>
      <input type="text" id="street">
    </div>

    <div class="form-group">
      <label for="town">Town*</label>
      <input type="text" id="town" >
    </div>

    <div class="form-group">
      <label for="city">City</label>
      <input type="text" id="city">
```

```

</div>
<div class="form-group">
  <label for="people">No Of people*</label>
  <input type="number" id="people" >
</div>
<div class="form-group">
  <label for="rooms">No Of Rooms*</label>
  <input type="number" id="rooms" >
</div>
<div class="form-group">
  <label for="date">Arriving Date*</label>
  <input type="date" id="date" >
</div>
<div class="form-group">
  <label for="nights">No Of Nights*</label>
  <input type="number" id="nights" >
</div>
<div class="form-group">
  <label for="occupance">Occupance</label>
  <div class="radio-btns">
    <input type="radio" id="single" name="occupance" value="single">
    <label for="single">Single</label><br>
    <input type="radio" id="twin" name="occupance" value="twin">
    <label for="twin">Twin</label> <br>
    <input type="radio" id="double" name="occupance" value="double">
    <label for="double">Double</label>
  </div>
</div>
<div class="form-group">
  <label for="info">addination info</label>
  <textarea name="add-info" id="info" rows="10" placeholder="Additional
Inforamtion will help you in our better services"></textarea>
</div>
<div class="no-robot">
  <div class="re-capacha-code">
    <p class="code"></p>
  </div>
  <div class="capacha-img">
    

```

```

        </div>

        <input type="text" id="reCapCode" placeholder="Write above capacha code">

    </div>

    <div class="submit-btn">

        <button type="submit" id="submit">Submit</button>

    </div>

</form>

</div>

</div>

<script src="./app.js"></script>

</body>

</html>

```

Style.css

```

*{
    padding:0;
    margin:0;
    box-sizing:border-box;
}
body{
    display:flex;
    justify-content:center;
    align-items:center;
    min-height:100vh;
    font-family:'Montserrat', sans-serif;
}
.container{
    min-width:80%;
    background:linear-gradient(to bottom,
        #e0655c,
        #f0ada8,
        #d4aca9
    );
    min-height:80vh;
    padding:1rem 2rem;
}
hr{
    height:3px;
    background-color:#111319;
    border:none;
    margin:1rem 0;
}

#dummyData{
    padding: 0.3rem 1rem;
    background-color: rgb(206, 28, 191);
    color: white;
    margin: 10px 400px;
    border: none;
}

```

```

        outline: none;
        border-radius: 10px;
        font-size: 18px;
    }
    form{
        width:100%;
        position:relative;
    }
    .form-group{
        padding:0.5rem 0;
        display:flex;
        /* align-items:center; */
    }
    .form-group label{
        min-width:30%;
        margin-right:2rem;
        font-weight:800;
        text-transform:capitalize;
    }

    select{
        padding:0 0.5rem;
    }
    select option{
        margin-top:5px;
        background-color:#111319;
        color:white;
    }
    .form-group input,
    .form-group select{
        height:30px;
        font-size:1rem;
        outline:none;
    }
    .form-group>input{
        min-width:50%;
        padding-left:0.2rem;
    }

    .radio-btns input{
        height:14px;
    }
    .radio-btns label{
        font-size:14px;
    }
    .form-group textarea{
        min-width:50%;
        padding:1rem 0.5rem;
        outline:none;
    }
    .no-robot{
        height:150px;
        width:50%;
        margin:1rem auto;
        background:#FFF;
        display:flex;
        flex-direction:column;
        justify-content:space-around;
    }

```

```

        align-items:center;
        position:relative;
    }
    .no-robot .re-capacha-code{
        width:70%;
        height:70px;
        font-family:cursive;
    }
    .re-capacha-code .code{
        transform:rotate(-5deg);
        font-size:1.5rem;
        transform-origin: bottom right 10px;
    }
    .no-robot input{
        padding:0.4rem 1rem;
        outline:none;
    }
    .capacha-img img{
        height:80px;
        object-fit:contain;
        position:absolute;
        right:2rem;
        top:1rem;
        cursor:pointer;
    }
    form .submit-btn{
        width:4em;
        margin:2rem auto;
    }

    .error{
        border:2px solid red;
    }
    .submit-btn button{
        padding:0.5rem 1.5rem;
        background:linear-gradient(to right, #0074d9,#042053,#0a365c,#0b89f0);
        outline:none;
        border:none;
        cursor:pointer;
        background-size: 400%;
        font-size:1.2rem;
        border-radius:5px;
        color:white;
        transition: background-size 0.5s ease-in;
    }
    .submit-btn button:hover{
        background-size: 100%;
    }

    @media (min-width:420px){
        .form-group>input{
            flex: 1;
            padding-left:0.2rem;
        }
    }

    @media (min-width:780px){
        .form-group label{
            min-width:20%;

```



.....

## App.js

```
const submitBtn = document.querySelector('#submit');
const title = document.querySelector('#title');
const fullName = document.querySelector('#fullName');
const phoneNumber = document.querySelector('#phoneNumber');
const mobileNumber = document.querySelector('#mobileNumber');
const email = document.querySelector('#email');
const street = document.querySelector('#street');
const town = document.querySelector('#town');
const numPeople = document.querySelector('#people');
const numRooms = document.querySelector('#rooms');
const arrivingDate = document.querySelector('#date');
const nights = document.querySelector('#nights');
// const occupance = document.querySelector('input')
const addInfo = document.querySelector('#info');
const actualCode = document.querySelector('.code');
actualCode.innerText = generateCapacha();
```

```
var allOkay = false;
let errors = 0;
// User data
let userData = {
    title : "",
    fullName : "",
    phoneNumber: "",
    mobileNumber: "",
    email: "",
    street: "",
    town: "",
    city: "",
    numPeople: "",
    numRooms: "",
    arrivingDate: "",
    occupance: "",
    nights: "",
    addInfo: "",
    capachaCode: ""
};
```

```
document.getElementById('dummyData').addEventListener('click',(e)=>{
    useDummyData(e);
});
submitBtn.addEventListener('click',(e)=>{
```

```

        e.preventDefault();
        handleForm();
        if(!errors){
            window.location.href="userPage.html";
        }
    })

function handleForm(){
    const captchaCode = document.querySelector('#reCapCode').value;
    var strUser = title.options[title.selectedIndex].value;
    if(strUser!=""){
        userData.title = strUser;
    }

    if(fullName.value===""){
        alert('Enter full Name');
        errors=1;
    }else{
        userData.fullName = fullName.value;
    }

    if(phoneNumber.value===""){
        alert('Please Enter Phone Number');
        errors=1;
    }else{
        userData.phoneNumber=phoneNumber.value;
    }

    if(email.value===""){
        alert("Please Provide your Email");
        errors=1;
    }else{
        userData.email=email.value;
    }

    userData.street=street.value;
    if(town.value === ""){
        alert("Please enter your Town Name");
        errors=1;
    }else{
        userData.town=town.value;
    }

    if(city.value!=""){
        userData.city=city.value;
    }

    if(numPeople.value===""){
        alert("Please Enter the number of people you are booking for");
        errors=1;
    }else{
        userData.numPeople=numPeople.value;
    }

    if(numRooms.value===""){
        alert("Please Enter the number of rooms you Need");
        errors=1;
    }

    }else{
        userData.numRooms=numRooms.value;
    }

    if(arrivingDate.value===""){

```

```

        alert("Please Enter Arrival Date");
        errors=1;
    } else {
        userData.arrivingDate=arrivingDate.value;
    }

    if(nights.value===""){
        alert("Please Enter nights you will stay in Hotel");
        errors=1;
    } else {
        userData.nights=nights.value;
    }

    if (document.getElementById('single').checked) {
        userData.occupance=document.getElementById('single').value;
    }
    if (document.getElementById('twin').checked) {
        userData.occupance=document.getElementById('twin').value;
    }
    if (document.getElementById('double').checked) {
        userData.occupance=document.getElementById('double').value;
    }
    if(addInfo.value!=""){
        userData.addInfo=addInfo.value;
    }
    if(actualCode.innerText != capachaCode){
        alert("Please Enter correct Capacha Code !!");
        errors=1;
    } else {
        userData.capachaCode=capachaCode;
    }
    console.log(userData);
}

function useDummyData(e){
    var d = new Date('sun aug 31,2020'),
        month = " + (d.getMonth() + 1),
        day = " + d.getDate(),
        year = d.getFullYear();

    if (month.length < 2)
        month = '0' + month;
    if (day.length < 2)
        day = '0' + day;

    let curr_date = [year, month, day].join('-');
    e.preventDefault();
    let uTitle = 'Mr.',
    uFullName = "Subhash Chandra",
    uPhoneNumber = "7073644358",
    uMobileNumber= "7073644358",
    uEmail="subhashchandra30720@gmail.com",
    uStreet='Malsar',
    uTown='Malsar',
    uCity='Sardarshahar',
    uNumPeople=4,
    uNumRooms=2,
    uArrivingDate=curr_date,
    uOccupance='twin',
    uNights=2,

```

```

uAddInfo='We are coming there!!!',
uCapachaCode=actualCode.innerText;

title.value = uTitle;
fullName.value = uFullName;
phoneNumber.value = uPhoneNumber;
mobileNumber.value = uMobileNumber;
email.value = uEmail;
street.value = uStreet;
town.value = uTown;
city.value = uCity;
numPeople.value = uNumPeople;
numRooms.value = uNumRooms;
arrivingDate.value = uArrivingDate;
// occupance.value= uOccupance;
nights.value=uNights;
addInfo.value = uAddInfo;
document.querySelector('#reCapCode').value = uCapachaCode;
}

function generateCapacha(){
    let chars = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";
    code = "";
    for(let i = 0; i<6; i++){
        code = code+chars.charAt(Math.floor(Math.random()*25));
    }
    return code;
}

```

## That was Que 1

.....

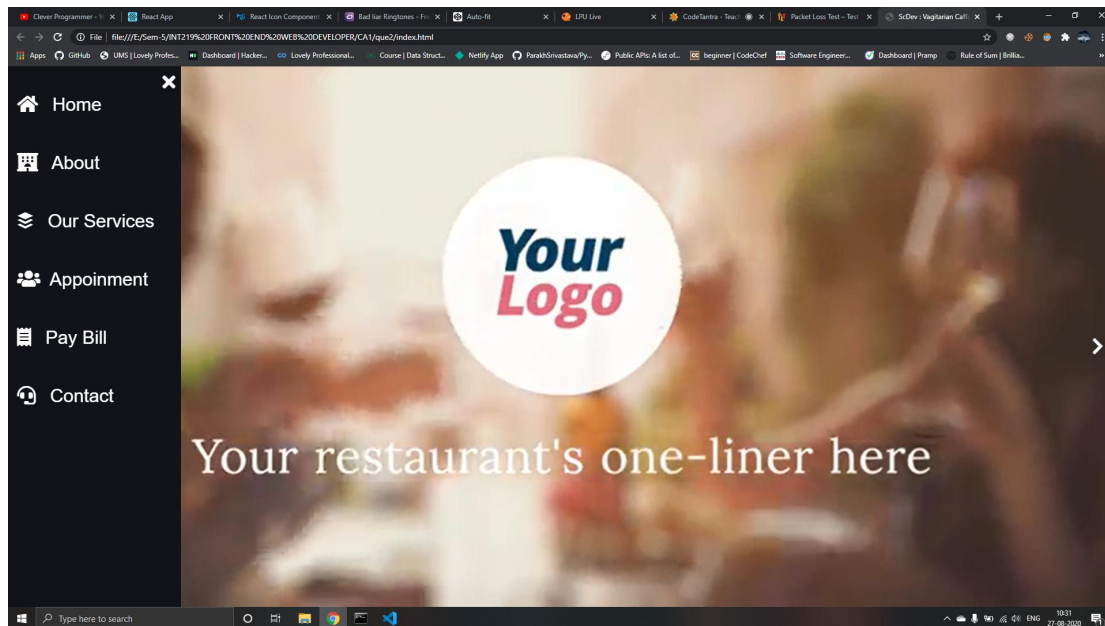
**Que : 2** Using external CSS, design a web page for a restaurant. Also include a relevant full background image, navbar(vertical) and a video slider that consists of few relevant videos related to restaurants in order to depict the theme of the web page.

Ans :

Specifications :

- Created a landing page of restaurant's website , having a video slider. If there is no video showing , Check if internet connection because video is coming from a link .
- Click on the button on right side in the center , to change the video, it will slide the video and start playing next video.
- To see the menu ,there is a humbergar bar button on left-top , click on it you see a Vertical Menu bar.

**Screen Shots :**



## CODE :

.....

### Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="shortcut icon" href="favicon.ico" type="image/x-icon">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>ScDev : Vagitarian Caff</title>
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.12.1/css/all.min.css">
  <link rel="stylesheet" href="/style.css">
</head>
<body>
```

```

<i style="color: white;" class="menu-toggle-btn fas fa-bars"></i>
<header>
  <nav class="navigation-menu">
    <div class="exit"><i class="fas fa-times"></i></div>
    <a href="#"><i class="fas fa-home home"></i> Home</a>
    <a href="#"><i class="fas fa-hotel"></i> About</a>
    <a href="#"><i class="fab fa-buffer works"></i> Our Services</a>
    <a href="#"><i class="fas fa-users team"></i> Appointment</a>
    <a href="#"><i class="fas fa-receipt"></i> Pay Bill</a>
    <a href="#"><i class="fas fa-headset contact"></i> Contact</a>

  </nav>
</header>
<div class="logo-outer">
  <a href="#" class="logo"></a>
</div>
<video autoplay muted loop id="myVideo">
  <source
src="https://media-cdn.tripadvisor.com/media/video-v/13/f9/30/98/hotel-sweet-dream-restaurant_360.
mp4" type="video/mp4" class="video">
</video>
<div class="home__text">
  <h1>Welcome To Our Hotel</h1>
</div>
<div class="btn">
  <i class="fas fa-chevron-right"></i>
</div>
<script>
const menuBtn = document.querySelector('.fa-bars');
const navMenu = document.querySelector('.navigation-menu');
const exit = document.querySelector('.exit');

menuBtn.addEventListener('click',()=>{
  navMenu.classList.toggle('active');
})
exit.addEventListener('click',()=>{
  navMenu.classList.toggle('active');
});

//Play next video
const nextVid = document.querySelector('.btn');
const srcs = [
'https://media-cdn.tripadvisor.com/media/video-v/13/f9/30/98/hotel-sweet-dream-restaurant_360.mp4',
'https://ak.picdn.net/shutterstock/videos/1052825195/preview/stock-footage-food-delivery-in-the-restau
rant-the-chef-prepares-food-in-the-restaurant-and-packs-it-panna-cotta.mp4'
]
let i = 0;
document.querySelector('#myVideo').src=srcs[i];
nextVid.addEventListener('click',()=>{
  i++;
  if(i>=srcs.length){
    i=0;
  }
  console.log(srcs[i]);
}

```

```

        document.querySelector('#myVideo').src = srcs[i];
    })
</script>
</body>
</html>

```

.....

style.css

```

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: "Open Sans",sans-serif;
}

body{
    background-image: url('./img/background.jpg') ;
    background-repeat: no-repeat;
    background-size:cover ;
    display: flex;
}

a{
    text-decoration: none;
}

.logo-outer{
    height: 70px;
    margin: 1rem 2rem;
    position: relative;
}

.logo-outer img{
    object-fit: contain;
    height: 60px;
}

.menu-toggle-btn{
    margin: 1rem;
    cursor: pointer;
    font-size: 3em;
}

.navigation-menu{
    position: absolute;
    left:-300px;
    /* top: 70px; */
    width:300px;
    display: flex;
    min-height: 100vh;
    flex-direction:column;
    transition: all 0.5s ease-in-out;
    z-index: 10;
}

.exit{
    font-size: 2rem;
    position: absolute;
    right: 10px;
    top: 10px;
    cursor: pointer;
}

```

```

.navigation-menu a{
  width:100%;
  display: block;
  /* margin-left: 1rem; */
  font-size: 2em;
  padding: 1rem 1rem;
  margin-top: 2rem;
  color: white;
  text-transform: capitalize;
}
.navigation-menu a:hover{
  color: teal;
}
.navigation-menu a i{
  margin-right: 1rem;
}
.active{
  left: 0;
  display: block;
  background-color: #111319;
  color: white;
}

```

```

#myVideo {
  position: fixed;
  right: 0;
  bottom: 0;
  min-width: 100%;
  min-height: 100%;
  z-index: -1;
  object-fit: contain;
}

```

```

.btn{
  position: absolute;
  top: 50%;
  right: 20px;
  height: 40px;
  cursor: pointer;
  z-index: 10;
}
.btn i{
  font-size: 4em;
  color: white;
}

```

```

.home__text{
  position: relative;
  top: 200px;
  opacity: 0;
  color: #FFF;
  font-size: 2em;
  animation: fadeIn 3s ease-in-out initial;
  transition: opacity 3s ease;
  transition-delay: 1s;
}

```

```

@keyframes fadeIn{
  0%{

```



```
        opacity: 0.2;
    }
    20%{
        opacity: 0.4;
    }
    35%{
        opacity: 0.6;
    }
    50%{
        opacity: 0.8;
    }
    75%{
        opacity: 0.9;
    }
    100%{
        opacity: 1;
    }
}
```

That was Que 2

**Que : 3** When the user hovers the cursor over the image, a function is triggered that enlarges the size of the image

Specifications :

- This is a simple webpage where there is an image , when you hover over it, It will increase its size smoothly.

Screen shots :

Inlaring the image size using javascript 🚀



When we hover

## Inlaring the image size using javascript 🚀



index.html & style.css

```
<html>
<head>
  <title>Question 3 : CA-1</title>

  <style>
    *{
      padding: 0;
      margin: 0;
      box-sizing: border-box;
    }
    body{
      min-width: 1000px;
      display: flex;
      justify-content: center;
      align-items: center;
      flex-direction: column;
      min-height: 100vh;
    }
    h1{
      font-size: 2.5em;
      color: aqua;
      margin: 1rem auto;
    }
    .container{
      display: flex;
      justify-content: center;
      align-items: center;
      flex-direction: column;
    }
    .img{
      border-radius: 10px;
      transition:all 0.4s ease-in-out;
    }
  </style>
</head>
<body>

  <div class="container">
    <h1>Inlaring the image size using javascript  </h1>
    
```

```
</div>
```

```
<script type="text/javascript" >  
const image = document.querySelector('.img');  
image.addEventListener('mouseover',function handleMouseOver(){  
    image.style.height="300px";  
    image.style.width="300px";  
});  
image.addEventListener('mouseout',function handleMouseOver(){  
    image.style.height="200px";  
    image.style.width="200px";  
});
```

```
</script>
```

```
</body>
```

```
</html>
```