

**CSCI 202 - Dynamic Web Pages**

**Winter 2019**

**Laboratory 5**

**Objectives**

1. Configure an external JavaScript file.
2. Validate the subscription forms in all pages.
3. Validate the contact form in the contact.html
4. Validate the modal form in the rooms.html

You are welcome to use in-class examples as a resource as well as online lectures. Feel free to email your TA or instructor if you have questions about the lab.

**READ ALL THE INSTRUCTIONS CAREFULLY.**

- a. Create a new folder naming it **Lab5** in your secret folder.
- b. Open Visual Studio Code and **Lab5** folder.
- c. Copy all your files from the **Lab4** folder into **Lab5** folder.

**Task 1: CONFIGURE AN EXTERNAL JAVASCRIPT FILE.**

- a. Launch Visual Studio Code and open the **index.html** file in the lab5. Create a new folder named **js** in lab5 folder. Create an external javascript file named main.js in the js folder.
- b. Configure a `<script>` tag at the bottom of all the .html pages.

```
<script src="js/main.js"></script>
```

**Task 2: VALIDATE THE SUBSCRIPTION FORMS IN ALL PAGES.** The data entered needs to be in the right format. If field is empty, the function alerts a message, and returns false, to prevent the form from being submitted.

a. Configure the script code in the main.js.

```
function subscribeValidator(){
    var subscribe = document.getElementById('subscribe').value;

    if(subscribe =='' ){
        alert("Enter a valid email address.");

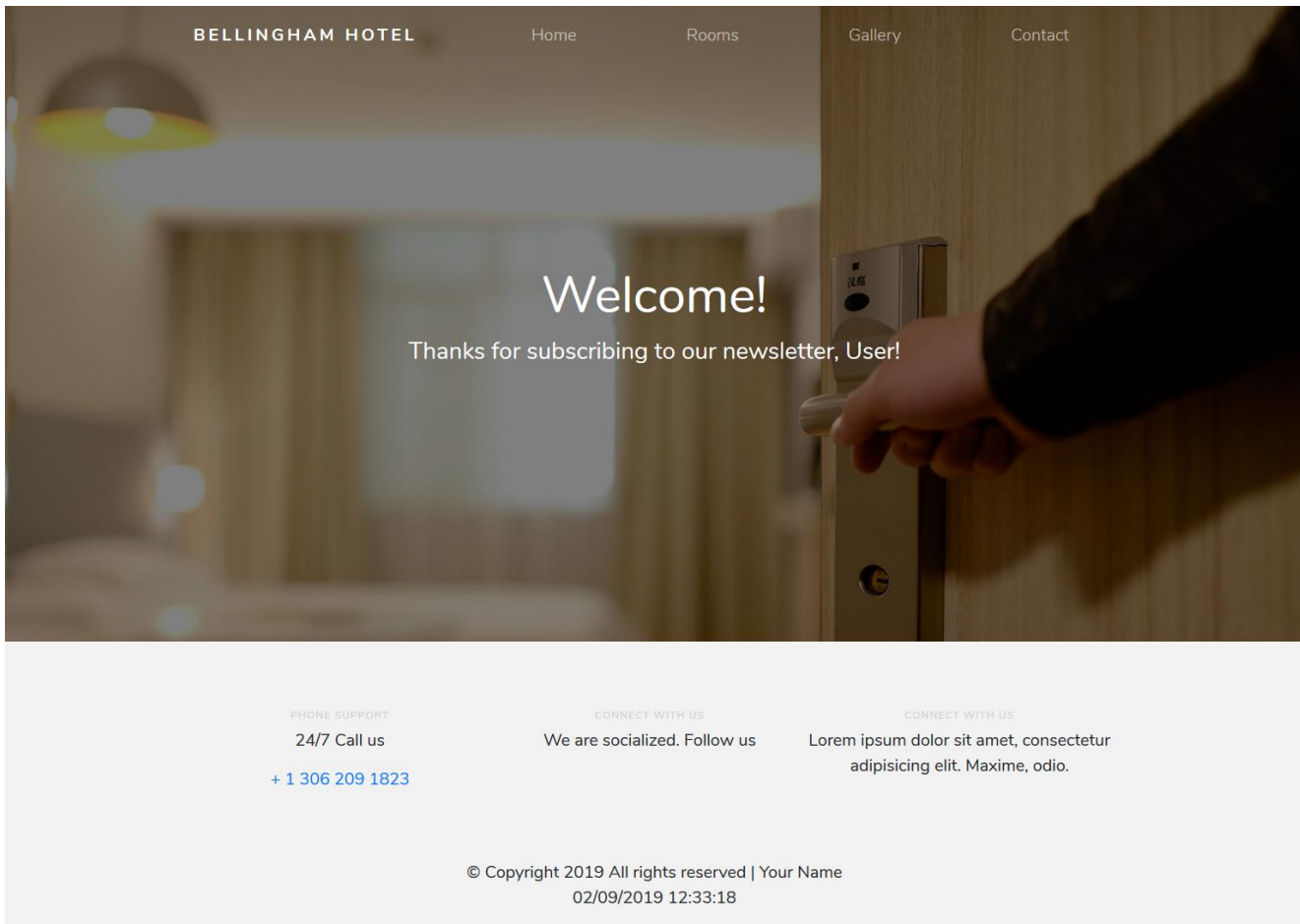
        document.getElementById('subscribe').style.borderColor="red";
        return false;
    }
}
```

b. Configure the subscription form with the following HTML attributes.

1. Configure the forms with action named *newsletter.html*, method POST, *onsubmit = "return subscribeValidator()"* and autocomplete.
2. Configure the input element with an id attribute named *subscribe*.

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5600/contact.html". The page content includes a contact form with a "SEND MESSAGE" button. A modal alert box is displayed in the center, showing the message "127.0.0.1:5600 says Enter a Valid Email Address!" with an "OK" button. Below the form, there is a dark blue section titled "Subscribe To Our Newsletter" with an input field labeled "Enter Email..." and a "SUBSCRIBE" button. The footer contains three columns of text: "PHONE SUPPORT 24/7 Call us + 1 306 209 1823", "CONNECT WITH US We are socialized. Follow us", and "CONNECT WITH US Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maxime, odio." The footer also includes the copyright notice "© Copyright 2019 All rights reserved | Your Name" and the timestamp "01/31/2019 13:15:47".

**c. Create and configure a newsletter.html page.**



**Task 3: VALIDATE THE CONTACT FORM IN THE CONTACT.HTML.** The data entered needs to be in the right format. If field is empty, the function alerts a message, and returns false, to prevent the form from being submitted.

**a.** Configure the following script codes in the main.js.

```
function formValidator(){
    var name = document.getElementById('name').value;
    var phone = document.getElementById('phone').value;
    var email = document.getElementById('email').value;
    if(name == '' ){
        alert("Enter a valid name.");
        document.getElementById('name').style.borderColor="red";
        return false;
    }
}
```

```

        if(phone == '' ){
            alert("Enter a valid phone number.");

document.getElementById('phone').style.borderColor="red";
            return false;
        }

        if(email == '' ){
            alert("Enter a valid email address.");

document.getElementById('email').style.borderColor="red";
            return false;
        }
        else{
            alert("Thank you for contacting us! We will get back to
you as soon as possible!");

document.getElementById('name').style.borderColor="green";
            return true;
        }

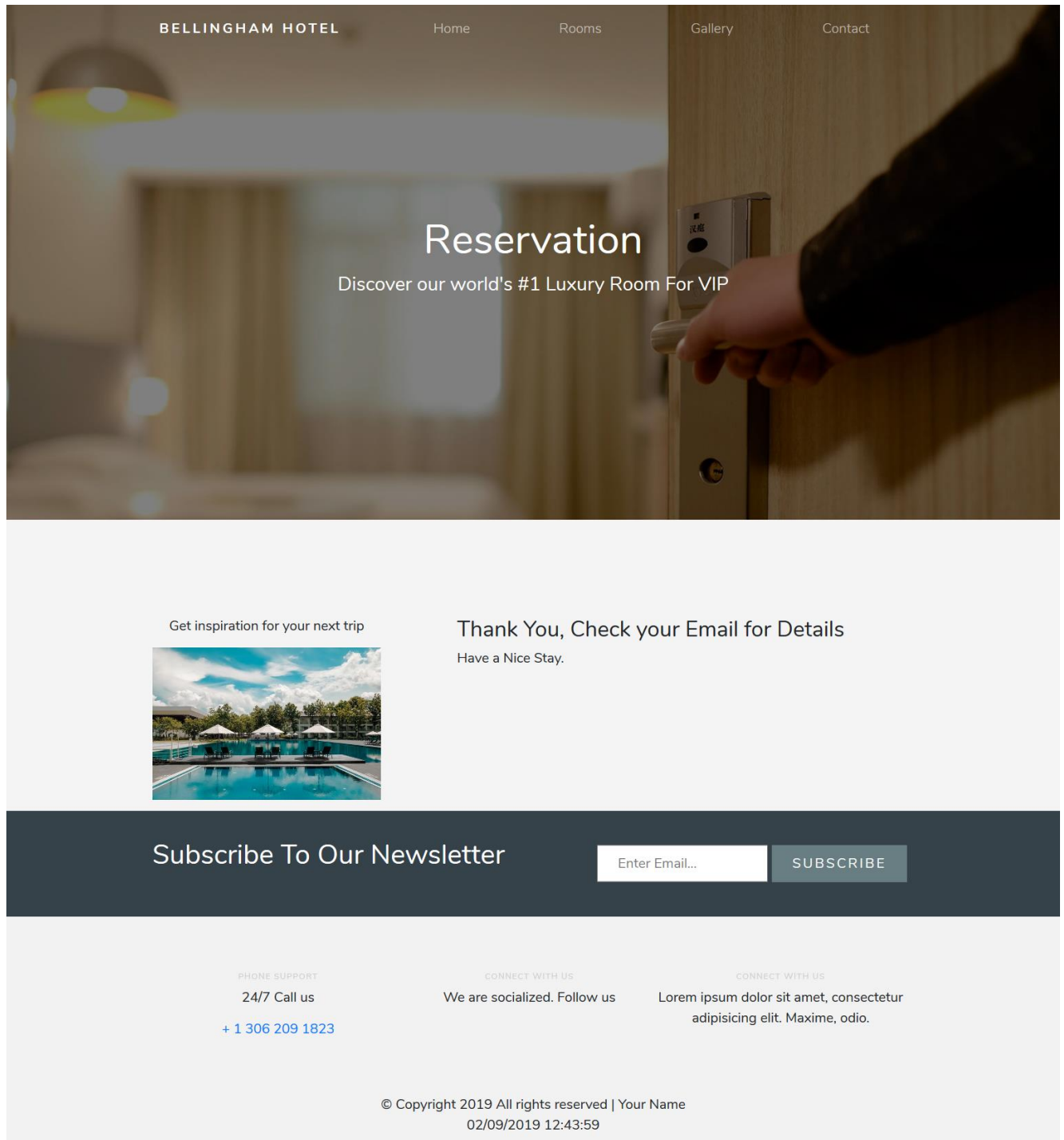
        return true;
    }
}

```

**b.** Configure the contact form with the following HTML attributes.

- 1.** Configure the form with action named hotelcontact.html, method POST, onsubmit = "return formValidator()" and autocomplete.

c. Create and configure a hotelcontact.html page using gallery (2).jpeg.



#### Task 4: VALIDATE THE MODAL FORM IN THE ROOMS.HTML.

- a. Configure the following script codes in the main.js

```
function bookNow(){
    var bookDate = document.getElementById('bookDate').value;
    var bookDated = document.getElementById('bookDated').value;
    var bookEmail = document.getElementById('bookEmail').value;
    var bookMessage =
document.getElementById('bookMessage').value;

    if(bookDate =='' ){
        alert("Enter a valid arrival date.");
document.getElementById('bookDate').style.borderColor="red";
        return false;
    }

    if(bookDated =='' ){
        alert("Enter a valid departure date.");
document.getElementById('bookDated').style.borderColor="red";
        return false;
    }

    if(room =='' ){
        alert("Room field must be filled.");
        document.getElementById('room').style.borderColor="red";
        return false;
    }
}
```

```

    if(guest =='' ){
        alert("Enter a valid guest.");

document.getElementById('guest').style.borderColor="red";
        return false;
    }

    if(bookEmail =='' ){
        alert("Enter a valid email address.");

document.getElementById('bookEmail').style.borderColor="red";
        return false;
    }

    if(bookMessage =='' ){
        alert("Message field must be filled.");

document.getElementById('bookMessage').style.borderColor="red";
        return false;
    }

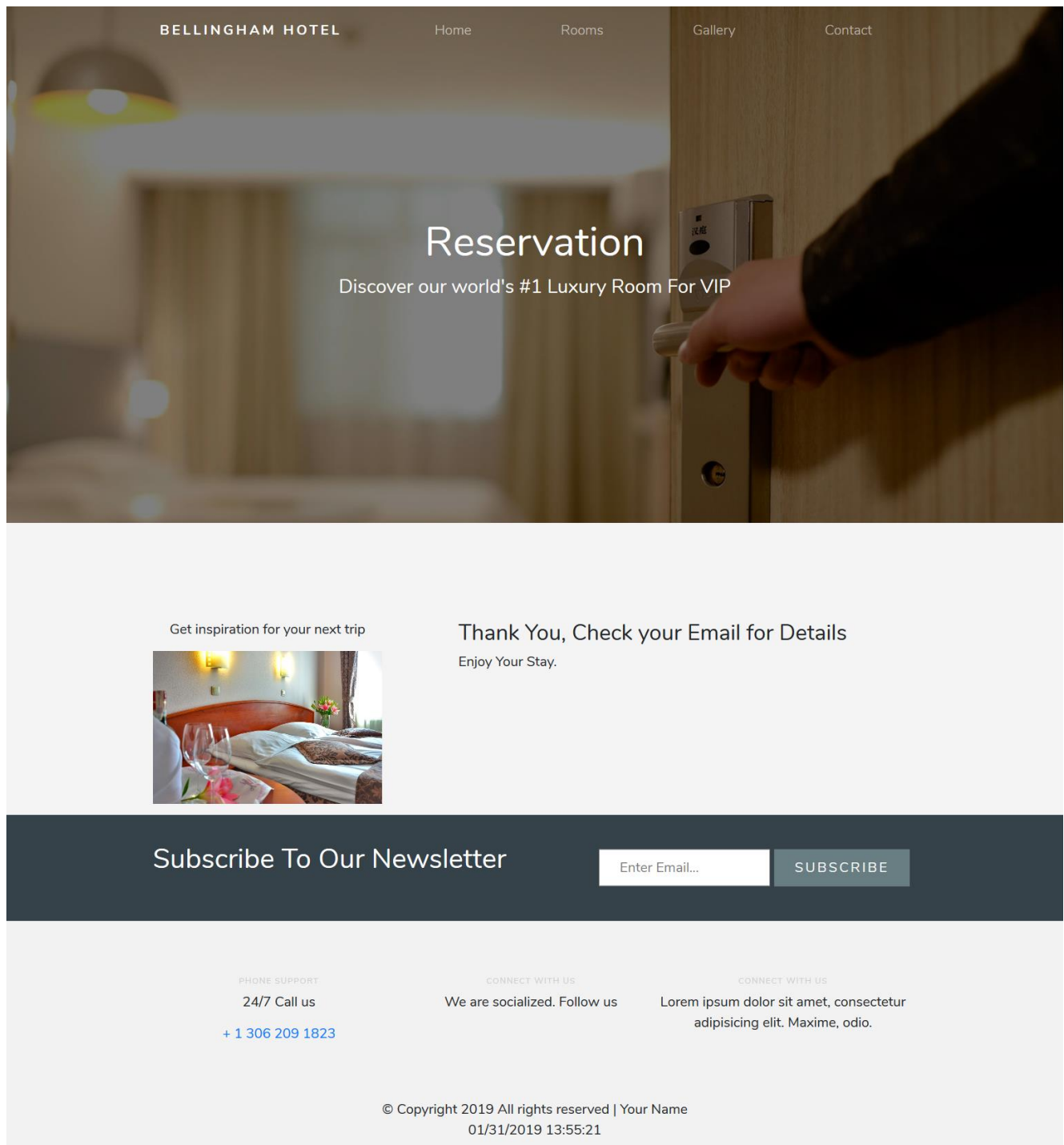
    return true;
}

```

**b.** Configure the contact form with the following HTML attributes.

- 1.** Configure the form with action named booknow.html, method POST, onsubmit = "return bookNow()" and autocomplete.

c. Create and configure a booknow.html page using gallery (1).jpeg.





**The last date for submission of Lab assignment is 11:59pm Sunday Feb 17, 2019.**

### **Points Breakdown**

Correctly created and linked main.js – **2 points**

Correctly configured and validated subscription form with newsletter.html. **6 points**

Correctly configured and validated contact form with hotelcontact.html. **6 points**

Correctly configured and validated modal form with booknow.html – **6 points**