	<b>FACULTY OF COMPUTING</b>	<b>MARKS</b>
	<b>COURSE:</b> BCS2243 WEB ENGINEERING	
	<b>COMPONENT :</b> JavaScript (Form Validation)	
	<b>ASSESSMENT:</b> Lab assignment 5	
	<b>DURATION :</b> 2 hours	

Course Learning Outcomes	Weight Score
CO1 Design appropriate solution using fundamental web engineering concepts.	2%
CO2 Construct a web-based application using web-engineering methodology.	3%
CO3 Demonstrate communication effectively in written and oral form through group discussion, meeting and presentation session.	Not assessed

### General Instructions:

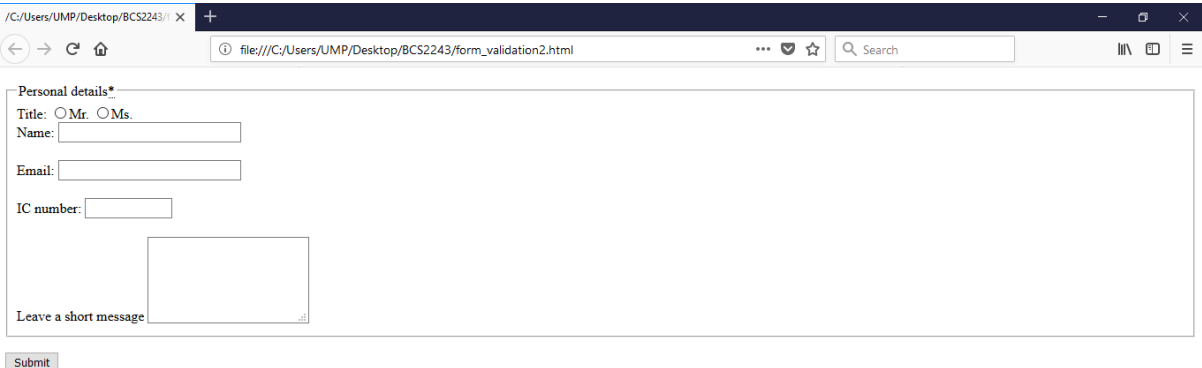
1. This assessment is an individual task.
2. You can refer and cite to any notes, references or sample codes from any sources.
3. ALL submission must in **soft-copy** version as followed: -
  - a. Original source code with:-
    - i. ALL html files (.html).
    - ii. ALL images file in a separated folder
    - iii. ALL external files (.css, .js)

### Question 1

Write a program to display the output as in Figure 1. Include in your code for client-side form validation that will:

1. Set the input boxes of 'Name' and 'Email' as the field that user must fill.
2. Ensure that 'Email' will insert the correct and complete format (with '@' and '.'; e.g.: abu@gmail.com)

The program will also read the IC number and identify user place of birth. Please refer to this URL for the state code: <https://jpn.gov.my/my/kod-negeri>



The screenshot shows a web browser window with the address bar displaying 'file:///C:/Users/UMP/Desktop/BCS2243/form\_validation2.html'. The form is titled 'Personal details\*' and contains the following elements:

- Title: ☐ Mr. ☐ Ms.
- Name:
- Email:
- IC number:
- Leave a short message:
- Submit button

**Figure 1**