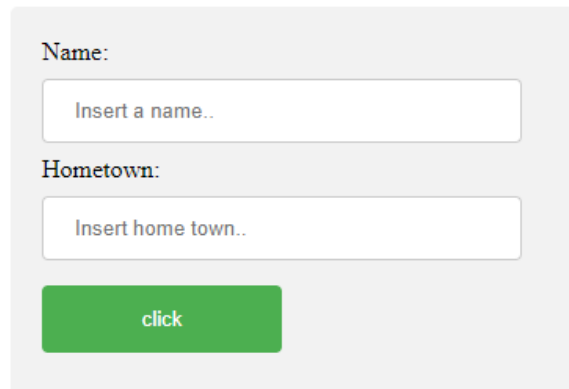# SCS2208 Rapid Application Development
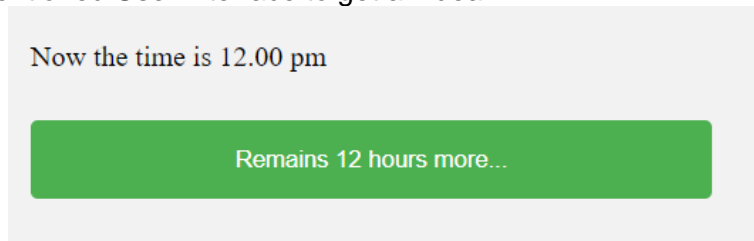## Lab Sheet - Basic JS
## Part II

**Instructions: below mentioning questions are related to basic JS part II. Each and every question includes a UI design to get an idea. The UI without CSS is also acceptable.**

1. Create a form to insert name and hometown. Once clicked the button alert the name and hometown. Provide the JS code for alert name and hometown. Create a user interface as mentioned below.
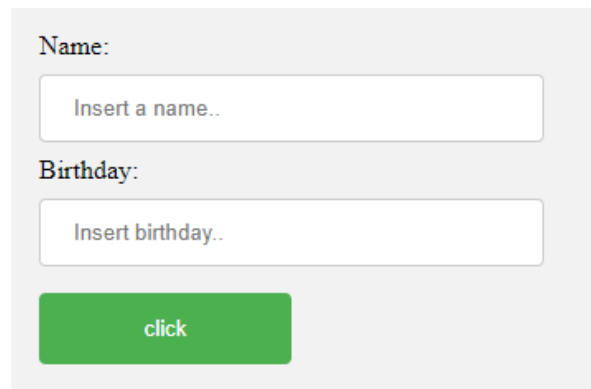
Name:

    Insert a name..

Hometown:

    Insert home town..

    click

2. Write JS code to get the current time and display how many hours are remaining from the day. Use the below mentioned User interface to get an idea.
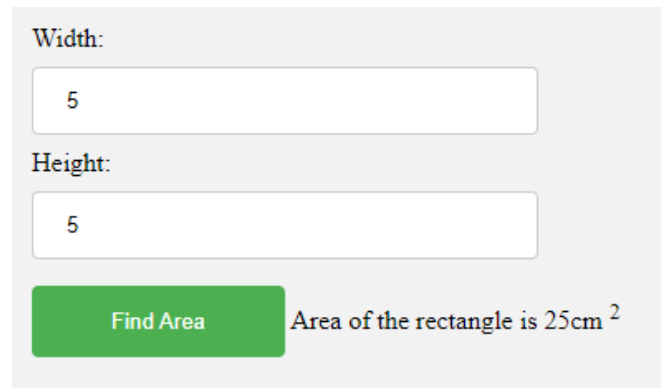
Now the time is 12.00 pm

    Remains 12 hours more...

3. Create a simple html form including two text fields as mentioned below. Once the name and birthday are inserted, it will alert the age. Mention the JS code which is suitable for fulfilling the task.
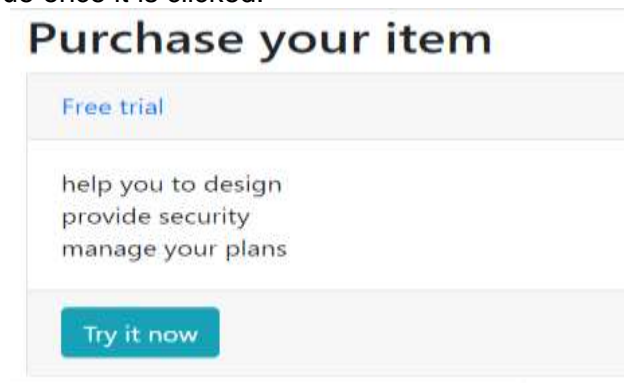
Name:

    Insert a name..

Birthday:

    Insert birthday..

    click

4. Create a simple form to insert width and height to display the area in the mentioned text field. Create a function using JS to display area in area Text field. Use the below mentioned example UI.
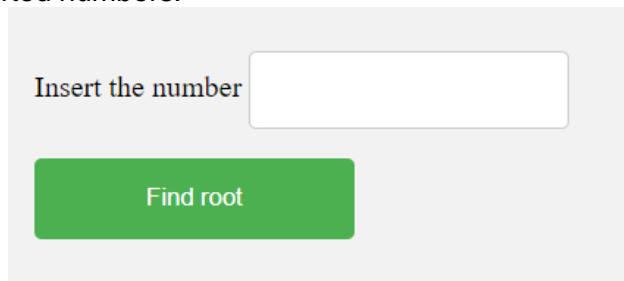
Width:

5

Height:

5

Find Area    Area of the rectangle is $25cm^2$

5. Consider the below shown simple form with a button. Write down the JS code to change the button's colour to blue once it is clicked.

## Purchase your item

Free trial

help you to design
provide security
manage your plans

Try it now

6. Create a simple form as shown below to insert a number. Write down a JS function to alert square root for inserted numbers.

Insert the number

Find root

7. Create a checkbox such as mentioned below. Once an item is checked other items should be disabled. Write down the JS codes to complete the purpose.

**Available Hotel Packages**

☑ Wedding Package
☐ Birthday Package
☐ Normal Function Package
☐ Day out Package

Submit

8. Create a form to insert the amount as shown below. Create a JS function to display 20% value and the value added amount once the mouse is out (onmouseout) as shown below.

insert the amount:

100

20% of value: 20
Total: 100+20 =120

9. Create a form as mentioned below to insert subject and number. Once the button is clicked, pass or fail should be displayed. Provide the JS code to fulfill the requirement.

Subject:   Maths

Marks :   28

Results

Sorry.. You have to work hard for **Maths** subject...

10. Create a simple calculator as shown below. Provide JS codes to make the calculator operate.

0

+    -    ×    ÷
7    8    9
4    5    6    =
1    2    3
0    .    AC