

ATSS's
Institute of Industrial & Computer Management & Research, Nigdi
MCA Department
Academic Year- 2019- 2020
Question Bank

Course:MCA Year:II

Semester : III

Subject: Advanced Internet Technology(T1-IT34)

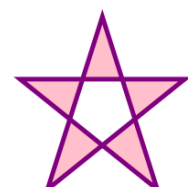
Practical Exercises For Lab Sessions

HTML5

1. Design the following
 - a. Create an input field that should only contain a numeric value, and place it inside the <form> element.
 - b. Add the name attribute with a value of "quantity" to the input element.
 - c. Set restrictions on the input field to only accept numbers between 1 and 5.
2. Accept the color from "color" control and set it to a paragraph.
3. WAP to add 3 "range" control for colors red, green, blue. Change the background color as the values of range. Start the values from 0 to maximum 256.
4. WAP to change font size of a text as per the "range" control value, ranging from 8 to 50.
5. WAP to draw a circle considering mouse click position as a centre.(Radius can be considered as 100)
6. WAP to draw triangle using canvas-path.
7. Create a form(in HTML5) which includes following fields and validate accordingly.

Name	<input type="text"/>	
Email	<input type="text"/>	
Title	<input type="text"/>	datalist
Shoesize	<input type="text" value="19"/>	number min=18 max=25
Date of Birth	<input type="text" value="mm/dd/2014"/>	date
Attractiveness	<input type="range" value="1"/>	range
Part I.D.	<input type="text" value="Digit followed by three uppercase letters."/>	[0-9] [A-Z] {3}
<input type="button" value="Send"/>		

8. Create following image using SVG



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JQUERY

1. Make a web page with an HTML form like this:

Payment:	<input checked="" type="radio"/> Credit card
	<input type="radio"/> Wire transfer
	<input data-bbox="576 567 673 613" type="button" value="Buy!"/>

Using jQuery, create the following functionality:

- If Credit is selected, the following extra fields appear:

Card number:	<input type="text"/>
Expiration:	<input type="text"/> / <input type="text"/>
3-digit security number:	<input type="text"/>

- Make sure only numbers can be entered in the input fields.
- If Wire transfer is selected, the following extra text appears:

Transfer the amount to: reg. 9570, account 0009286322 (in Denmark)

2. Consider following example:

- Script the **Highlight Quotes** button to highlight all of the quotes in the document.
- Script the **Highlight Alternating Lines** button to highlight alternating lines

This is a “jQuery” lab exercise.

Prerequisites: Familiarity with “Javascript, DOM”.

jQuery is a “JavaScript library”; it defines some functions and utilities that you can use.

To use jQuery, you want to write another “<script>” on the page.

- Script the **Unhighlight** button to remove the highlights.

Highlight Quote

Highlight Alternating Lines

Unhighlight

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3. Create a profile of a person including Educational Qualification, Co-curricular achievement, Extra-curricular achievement, Personal information and apply sliding effect to each of them.
4. Write a jQuery script to make each word on a page jump when the mouse is moved over it.
5. Implement a drag-and-drop feature where items of a list of class "removable" (e.g. `<ul class="removable">`) can be removed by dragging-and-dropping individual items from the list to a trashcan image. Whenever an item is moved to the trashcan, a dialog asks the user to confirm.
6. Consider following case and create a plugin. Plugin must have definitions for each function mentioned on buttons. And display result in second textbox.

Enter array elements
(separated by commas):

Sum

Max

Min

Sort

Result:

7. Implement a drag-and-drop feature where items of a list of class "removable" (e.g. `<ul class="removable">`) can be removed by dragging-and-dropping individual items from the list to a trashcan image. Whenever an item is moved to the trashcan, a dialog asks the user to confirm.
8. WAP to give animation effect for increasing size of image gradually.
9. Write a jquery plugin for creating Tab
10. Write a jQuery program to develop a plugin for Menu

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11. Write a jQuery program that will replace a text box inside DIV with Text area.

Remove all children and text of '#target'

```
#target
.child
.child
.child
message1
message2
```

12. Format the number in the textbox to comma speared form.(like '123,456,789')

```
#target
123456789
```

AJAX:

13. Design a screen as follows and display welcome message in STAGE area

Enter your name and click on the button:

STAGE

Show Result

14. Design a screen as follows and load a registration from

Click on the button to load registration form:

Registration Form will be loaded here

Registration

15. Design following page and fetch data for given input from database (Use Ajax, PHP,HTML)

Max Age:

Max WPM:

Sex:

Your result will display here

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PHP:

1. Write a HTML code to create a form that collects favorite popular songs, including name of song, composer, performing artist/group. This document must call PHP script when form is submitted, to store all the details in song table.
2. Create book shopping cart application in PHP. Display all books details on page using Book table.
3. Create a table Emp with fields: empno, name, address, salary, deptno.

Design HTML & PHP pages for following:

- a. Insert a record
 - b. Delete record
 - c. View record
 - d. Display department number wise group report.
4. Write PHP code to accept 'username' & 'password' from user. Check whether such username & password is in Login table. If it is display "Welcome user" else display proper message.
5. Create an e-mail sending application using PHP. Accept the details for e-mail sending from html page like from, to, subject etc.
6. Write PHP code to send e-mail to two recipients simultaneously. Provide GUI to accept recipients email-ids, subject & message from user.
7. Write PHP program to accept account number from user & display account holder details along with account transactions. (Use suitable table structure).
8. Write PHP code to accept name of the file from user. Store all the details of the file like file type, location etc. to the database table.
9. Write PHP code to display merit list of student according to scores obtained in entrance examination. Assume suitable table structure.
10. Write PHP code to register complaint of an electronic product. After receiving complaint, give/display complaint code to user.

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11. Write PHP code to display summary report of monthly wages of workers.

Wages are calculated based on number of working days.

XML

1. Design XML file to store the details of five students, with elements rollno, name, address, dob.
 - i. Write an External DTD for the same & include it in XML file.
 - ii. Using XMLDSO display the details of students in a HTML table.
2. Design XML file to store the details of 10 cds with elements title, artist, price, company name.
 - i. Using XMLDSO display the details of students in a HTML table.
 - ii. Use XSLT to display all cd details in a table.
 - iii. Display the details of those CD's where price is less than 100.
3. Design XML file to store information of 5 employees with elements like empno, name, address, deptno. Display all employees details using CSS in HTML. Format empno & deptno in font size-12px, bold, underlined. name & address with font family Arial, Times New Roman, Arial Black.
4. Design XML file to store the hospitals ward information like wardno, wardname, noofbeds, and charges. Using XMLDSO display the details in HTML form.
5. Design XML file to store the details of a bill with elements like billno, billdate, POno., bill amount, due date. Using XMLDSO display the details in HTML with proper formatting.
6. Write DTD program for online information submission to PAN card application(Take Suitable elements)
 - a. Looking at DTD create XML file
 - b. Convert XML file into HTML format with header and footer.