PHP Assignment

MODULE – 2 HTML, CSS, SQL
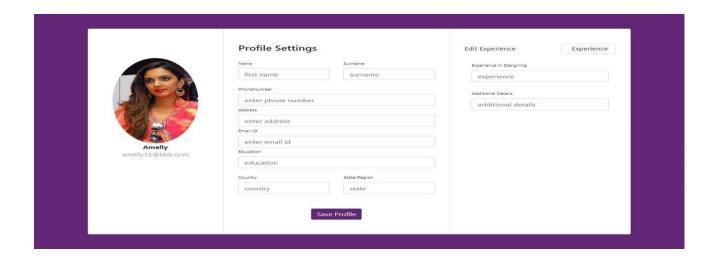
Exercise 1: Try To Create User Details Form.

Step 1: Your details

Name	First and last name
Email	example@domain.com
Phone	Eg. +447500000000

Step 2: Delivery address

Address	
Post code	
Country	

Step 3: Card details

Card type

○ [VISA] VISA   ○ [AMEX] AmEx   ○ [⬤] Mastercard

Card number	
Security code	
Name on card	Exact name as on the card

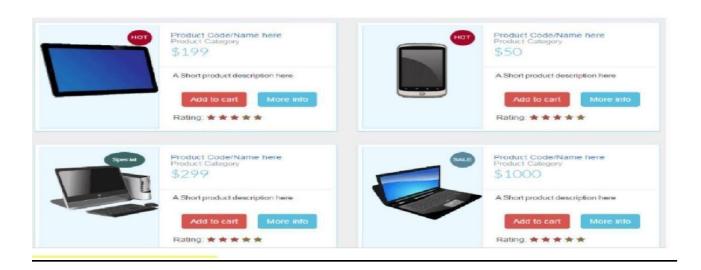**BUY IT!**

BOOTSRAP

Exercise 1: Create manage Profile:

Exercise 2 : Create Product Listing Page:

Topic – SQL Task-1

TABLE: - Employee

EM_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	JOHN	ABRAHAM	1000000	2013-01-01	BANKING
2	MICHAEL	CLERK	800000	2013-01-01	INSURANCE
3	ROY	THOMAS	700000	2013-02-01	BANKING
4	TOM	JOSE	600000	2013-02-01	INSURANCE
5	JERRY	PINTO	650000	2013-01-01	INSURANCE
6	PHILIP	MATHEW	750000	2013-01-01	SERVICES
7	TESTNAME1	123	650000	2013-01-01	SERVICES
8	TESTNAME2	LNAME%	600000	2013-02-01	INSURANCE

TABLE: - Incentives

insentive_id	EMPLOYEE_REF_ID	INCENTIVE_DATE	INCENTIVE_AMT
1	1	2013-02-01	5000
2	2	2013-02-01	3000
3	3	2013-02-01	4000
4	1	2013-01-01	4500
5	2	2013-01-01	3500

a) Get First_Name from employee table using alias name "Employee Name".

b) Get FIRST_NAME, Joining year, Joining Month and Joining Date from employee table.

c) Get all employee details from the employee table order by First Name Ascending And Salary descending?

d) Get employee details from employee table whose first name contains „o".

e) Get employee details from employee table whose joining month is "January".

f) Get department, total salary with respect to a department from employee table Order By total salary descending.

g) Get department wise maximum salary from employee table order by salary ascending?

h) Select first_name, incentive amount from employee and incentives table for those Employees who have incentives and incentive amount greater than 3000

i) Select 2nd Highest salary from employee table.

j) Select first_name, incentive amount from employee and incentives table for all Employees who got incentives using left join.

k) Create View OF Employee table in which store first name, last name and salary only.

l) Create Procedure to find out department wise highest salary.

m) Create after Insert trigger on Employee table which insert records in view table.

Task-2:

TABLE – SALES PERSON

SNO	SNAME	CITY	COMM
1001	PEEL	LONDON	0.12
1002	SERRES	SAN JOSE	0.13
1003	AXELROD	NEW YORK	0.1
1004	MOTIKA	LONDON	0.11
1007	RAFKIN	BARCELONA	0.15

TABLE – CUSTOMER

CNM	CNAME	CITY	RATING	SNO
201	HOFFMAN	LONDON	100	1001
202	GIOVANNE	ROME	200	1003
203	LIU	SAN JOSE	300	1002
204	GRASS	BARCELONA	100	1002
206	CLEMENS	LONDON	300	1007
207	PEREIRA	ROME	100	1004

TABLE – ORDER

ONM	AMT	ODE	CNM	SNO
3001	18.69	1994-10-03	201	1007
3002	1900.1	1994-10-03	207	1004
3003	767.19	1994-10-03	201	1001
3005	3005	1994-10-03	203	1002
3006	3006	1994-10-04	201	1007
3007	3007	1994-10-05	204	1002
3008	3008	1994-10-05	206	1001
3009	3009	1994-10-04	202	1003
3010	3010	1994-10-06	204	1002
3011	3011	1994-10-06	206	1001

a)   All orders for more than $1000.

b)   Names and cities of all salespeople in London with commission above 0.10.

c)   All salespeople either in Barcelona or in London.

d)   All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).

e)   All customers with NULL values in city column.

f)   All orders taken on Oct 3Rd and Oct 4th 1994.

g)   All customers serviced by peel or Motika.

h)   All customers whose names begin with a letter from A to B

i)   All customers excluding those with rating <= 100 unless they are located in Rome.

j)   All orders except those with 0 or NULL value in amt field.

k)   Count the number of salespeople currently listing orders in the order table.

MODULE – 3(Core PHP)

- Write a PHP program to enter marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer, calculate percentage and grade by if else write a PHP program for find „Thursday" in week using switch Function.

- Write a PHP program to check Leap years between 1901 to 2016 Using nested if.

- Write a PHP program to find the largest of three numbers using ternary Operator.
- Write a program in PHP to print Fibonacci series. 0, 1, 1, 2, 3, 5, 8, 13, 21,
  o 34
- Write a program to find whether a number is Armstrong or not ☐ Write a program to print the below format :

  5 9
  2610
  3711
  4812

- Write a program for this Pattern:

  *****
  *
  *
  *
  *****

- What will be the values of $a and $b after the code below is executed? Explain your answer.

```
$a = '1';
$b = &$a;
$b = "2$b";
```

- How can you tell if a number is even or odd without using any Condition or loop?

- How can you declare the array (all type) in PHP? Explain with example

  Covert a JSON string to array.

- Write program to remove duplicate values from array

- Get random values from array

- Write a PHP script which decodes the following JSON string.

- Use a for loop to total the contents of an integer array called numbers which has five elements. Store the result in an integer called total.

- Declare a Multi Dimensioned array of floats called balances having Three rows and five columns.

MODULE – 4(Advance PHP)

OOPS

- What Is Object Oriented Programming?

- What Are Properties Of Object Oriented Systems?

- What Is Difference Between Class And Interface?

- What Is Overloading?

- What Is T_PAAMAYIM_NEKUDOTAYIM (Scope Resolution Operator (::) with Example

- What are the differences between abstract classes and interfaces?

- Define Constructor and Destructor?

- How to Load Classes in PHP?
- How to Call Parent Constructor?

- Are Parent Constructor Called Implicitly When Create An ObjectOf Class?

- What Happen, If Constructor Is Defined As Private Or Protected?

- What are PHP Magic Methods/Functions? List them □ Write program for Static

  Keyword in PHP?

- Create multiple Traits and use it in to a single class?

- Write PHP Script of Object Iteration?

- Use of The $this keyword

- Consider the exercise11and add a edit link near delete link e.g. Clicking up on edit button a particular row should be open in
- editing mode
- e.g. on the Particular row there should be filled text box with data and on the option column there should be a confirm button clicking upon it arrow should be updated.
- Create Hotel Room Booking System User can book room by 3 ways
- Full day
- Half day
- Custom
- If user select for the full day than user only have selection for the checking checkout date
- If user select Half day than user have option of date and slot option(like user want to book room for first half – Morning (8AM to 6PM) if user select for second halfit"s for evening (7PM to Morning 7AM)). Do proper validation like if user can book only available slot. (have touse jQuery -> Ajax, validation, Json passing).

Jquery

a) What is jQuery?

b) How are JavaScript and jQuery different?

c) Which is the starting point of code execution in jQuery?

d) Document Load Vs Window. Load() jQuery

e) What is the difference between prop and attr?

f) Explain Difference Between JQuery And JavaScript?

g) How We Can Select The Specified <li> Element From The ListOf <li> Elements In ?

h) In <table> Design Change The Color Of Even <tr> Elements To

"green"And Change The Color Of Odd <tr> Elements To "blue" Color? Give An Example Code?

i) How We Can Implement Animation Effects In Jquery?

j) Apply jQuery validation using library.

k) Create custom dynamic function for require field validator.

l) Get state data by country selection (Ajax).

m) Image uploading with preview.

MODULE – 5(Web Services)

- Create API for Registration & Login Page.
- Create Web Service for your MVC Project.
   - Create API for Image Uploading.

MODULE – 7(Laravel)

- Create Following Routes.(for frontend side application)
   a) Home page
   b) About us
   c) Contact us
   d) Gallery
   e) Registration
   f) Login
- How to pass Multiple Variable in route?
- How to pass variable which can be null in Route?
- Create custom auto using middleware.
- Generate Resource Controller for employee.
- In Employee Controller"s action Call Middleware.

- How to remove route caching?

- Create Custom Macro For search User

  Practical

  1. Create Photo Gallery for above route.
     Note: upload files from admin side. Show all the images in user side

  2. Download admin panel for employee management and convert it
     in Laravel blades.

MODULE – 8(Migration)

- How to do config database in laravel
- Call MySQLi Store Procedure from Laravel.
- Apply Curd Operation through Query Builder for Employee
  Management
- Create All Migration for Employee management

MODULE – 9, 10(Forms, Controls)

- Explain ORM

- Do Curd using Eloquent Query

- Explain - Eloquent Relationships

- What is Eager Loading and lazy loading?

- Do Session for Employee Management System.

  Practical

a) Do pagination for Employee Management System

b) If New User Registered Put Notification on admin side in Employee Management c) Write code for sending email

d) Create application for blog.

Create a new Post

title...

content...