

PHP Questions

Question 1:

Write a controller class which will handle array operations. One function should return either the even or odd numbers of the input array.

Example array = [1,23,43,34,51,69,4,28,11]

Question 2:

The value of a variable is a string 1,2,3,4,5,6,7. How would you calculate the sum of the integers contained in the variable?

Question 3:

Please implement a class named *FireStone*. This class should have an attribute named *stoneCount* (which starts from 0) and a method *iFoundaStone*. When *iFoundaStone* is called, *stoneCount* is increased by one. If the value of *stoneCount* is equal to ten, then the message "Enough stones found" is printed, and *stoneCount* is reset to 0.

Question 4:

Please implement a function named *documentOwners*. The function should accept an associative array that contains the information who is the owner of a document.

The function should return an associative array that contains an array of document names for each owner name, alphabetically sorted.

Inputarray: ["Analysis.xls" => "Bob", "MonthlyReport.xls" => "Anton", "Summary.xls" => "Anton"] the *documentOwners* function should return ["Anton" => ["MonthlyReport.xls", "Summary.xls"], "Bob" => ["Analysis.xls"]].

SQL Questions

Table: employees

ID	Name	Salary	CommissionRate	HireDate
1	Peter	90,000	6	04/01/06
2	John	85,000	5	05/01/10
3	Steven	65,000	12	25/12/08
4	Andrew	25,000	25	01/01/05
5	Tom	50,000	10	02/03/07

Table: customers

ID	Name	Address
1	Fuller	Vienna
2	Hampton	Berlin
3	Telix	Auckland
4	Farmo	San Francisco

Table: orders

ID	Date	CustomerID	SalespersonID	Revenue
1	01/01/14	3	4	100,000
2	02/01/14	4	5	5,000
3	03/01/14	1	1	50,000
4	04/01/14	1	4	25,000

- 6.1) Please write a query that will calculate the total commission by salesperson.
- 6.2) Please write a query that lists all salesperson who did not sell anything to company Hampton
- 6.3) Please write a query that will calculate the total revenue by customer