

1. Write a PHP script which allows user to enter product code, product name, product price and discount percentage. The program must use a function to calculate discounted amount calculate net pay amount.
2. Write a PHP script file which make your pages have the same look. [Hint: use require]
3. Write a PHP function which ask the user number of tickets to be booked. The function get the no. of booked tickets and create a table based on that which have exactly same rows as number entered by user. The value for rows are booked ticket numbers.
4. Write a function which takes 5 number of input as array from user. Then calculate total and average and display total and average of the 5 numbers.[Hint: use & to return multiple values]
5. Write a program to calculate factorial value by using recursive function. The value must be entered by user.
6. Create a class Vehicle having attributes VID, ModelNo and Mileage( per litre). Write operations to calculate cost per Km by asking price of fuel from user. Implement all the attributes and operations for the class.
7. Create a class Car which is child class of the class Vehicle. Add the operation maintenance for car class. The maintenance class has a property to calculate cost to maintain a car in good condition for a month. Write a function which provides the total maintenance cost of a car for the year.
8. Using question 6,7 take input from user for three cars maintenance. Add these records into text file. Calculate most economical car and display car details.
9. Make Exception handling for Question No. 8.
10. Write an PHP script which allows user to enter product Name, Quantity and Price. Based on the price and quantity calculate cost for each item and total cost. Make validation that the Quantity and Price must not be blanks and they are must be  $\geq 0$ . If any user enter violates the rule, make appropriate exception handling.
11. Explain with example following functions for array:  
i. sort ii. Asort iii. Ksort iv. Rsort v. arsort vi. Krsort vii. Shuffle viii. Array\_reverse ix. Array\_push x. array\_pop xi. Each xii. Current xiii. Reset xiv. End xv. Next xvi. Pos xvii. Prev xviii. Array\_walk xix. Count xx. Sizeof xxi. Array\_count\_values xxi. Extract
12. Explain following string manipulation functions:  
i. isset ii. Empty iii. Substr iv. Strpos v. strpos vi. Strrpos vii. Strripos viii. Str\_replace xi. str\_ireplace x. ltrim xi. Rtrim xii. Trim xiii. Str\_pad xiv. Lcfirst xv. Ucfirst xvi. Ucword xvii. strtolower xviii. Strtoupper xix. Strrev xx. Str\_shuffle xxi. Str\_repeat xxii. Explode xxiii. implode xxiv. Addslashes xxv. Stripslashes xxvi. Chr xxvii. Ord xxviii. Strtok xxix. strcmp xxx. Strcasecmp xxxi. Strnatcasecmp xxxii. Strnatcmp xxxiii. Strlen xxxiv. strpos xxxv. Strchr xxxvi. Strchr xxxvii. Strchr xxxviii. Stristr xxxix. Str\_replace xxxx. substr\_replace