

Submit the answers of the following questions

Question 1:

Understand example 6-30 in the book “learning php5”

Question2:

Consider that the form in the following figure is used to book plane ticket. Develop professional php script to achieve the booking function. The following questions could help you but they do not give you the complete procedure

- Design the following form using HTML and CSS. Use PHP functions to generate the HTML. Concerning the departure and return dates no need to use the calendar you can use text boxes.
- Validate the form data using PHP. From and To text boxes should contain valid Egyptian city names; departure and arrival dates should be valid dates having the "day month year" format as shown; the arrival date should be smaller than departure date; no empty fields are permitted.
- Redisplay the form with the defaults values if there were errors in the submitted data. The submitted data that have errors should be redisplayed in red color. The error should be displayed beside the element
- Secure the input data from data that contains HTML or JavaScript





The screenshot shows a flight booking interface. At the top are three tabs: 'Book My Trip' (active), 'TimeTable', and 'Flight Status'. Below the tabs are three radio buttons: 'Round Trip' (selected), 'One Way', and 'Multi Destination'. There are two text input fields labeled 'From' and 'To', with a 'Find a City' link next to the 'To' field. Below these are two date pickers: 'Departure date' (Mon, 24 December 2012) and 'Return date' (Sun, 30 December 2012). Under the dates are three search options: 'Price' (radio), 'Schedule' (radio, selected), and 'Flexible dates (for better fare options)' (checkbox). The 'Travellers' section has three dropdown menus: 'Adult(s)' (1), 'Child(ren)' (0), and 'Infant(s)' (0). At the bottom, there is a 'Class' dropdown set to 'Economy' and a 'Direct Flights Only' checkbox. A blue 'Book' button is located at the bottom right.

Question 3: Write scripts for the following PHP files which should be linked together in a single registration website.


- configdb.php – this file creates suitable database and the needed tables.
- index.php – this file uses PHP to create well aligned registration form includes user name, password, re-enter password, and email fields in addition to submit button.
- register.php - In this file, you should
 - accept the registration form data from index.php file
 - do form validation as follows:
 - the password should be strong longer than 8 symbols has capital and small letters, and numbers
 - the email should be valid
 - the password and the reentered one should be the same
 - secure the accepted data
 - inform the user if there is wrong data by redisplaying the form with the previous data in red color and the error message appears beside the wrong element
 - If the data passes the validation, insert user data into database



Question 4: Answer the following for music CDs website that uses page shown in the following figure


- Write PHP function that creates database and tables that carry the information of music CDs. The CDs are classified into categories. Every category is classified into albums. Every album contains songs. Determining the needed tables and their fields are important. Take into consideration the information that is displayed in the next figure.
- Write PHP function that securely inserts the necessary information into the database. Consider that you receive the information from a suitable form that you designed
- Write PHP function that fetches the albums information from the database based on a search string for categories and/or albums and/or songs and/or singers that the user enters partially or completely. Display the results as shown in the figure. The information contains the category name, the album name, price and so on. In the first time you display the page, the whole data should be fetched from the database and aligned under the Products header as shown in the next figure. As stated earlier if the user enters a search string, the displayed data under the Products header should match the search string.



Enter category name	
Enter Album name	or 
Enter Song name	or 
Enter Singer name	or 

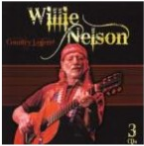
Products






Whitesnake
Purple Album
CD \$17.08   **Ships Today!**



Zedd
True Colors
CD \$9.89   **Ships Today!**



Willie Nelson
Country Legend
CD \$8.98  



Twenty One Pilots
Blurryface
CD \$12.59 