

Lab Stmt 7: MySQL and PHP

Deadline : 17th November 2019 : 18:00 hours.

1.0) Create a database called 'publications'.

This database will have two tables called 'authors' and 'titles'.

(you can sample.txt for raw data).

Table 'authors' will have following schema:

Field	Type	Null	Key	Default	Extra
author	varchar(120)	YES		NOT NULL	
publisher	varchar(30)	YES		NULL	

Table 'titles' will have following schema:

Field	Type	Null	Key	Default	Extra
title	varchar(120)	YES		NOT NULL	
author	varchar(120)	YES		NULL	
year	smallint(6)	YES		NULL	

Write a PHP program in which you communicate with this database and have following functionalities:

1.1) Display all the records in both the tables.

1.2) Adding a record (available for both the tables).

1.3) Deleting a record (available for both the tables).

1.4) Updating year of publication for a given title.

It might be possible that user might submit a substring of title.

1.5) Given a book find its author and year of publication.

It might be possible that user might submit a substring in the book.

1.6) Given a publisher-- find all the books (names of the books)

which authors from that publisher have published, publication year.

(i.e., publisher wise listing of books, authors along with publication year).

1.7) When you are updating/adding please do the data type check

(for 1.2,1.3,1.4).

Submission guideline:

Please create a directory called ``rollno-lab7" where ``rollno" is your roll number.

Main file is main.php.

We will execute this file in web browser.

Keep login.php separate and include it in main.php

If we do not find the main.php in your directory after extracting tar

ball, there is no further evaluation.
This is equivalent to no submission.
You will lose all marks for the assignment.

Keep all your scripts, html pages and all relevant files in this directory

Use following command to create a tar ball :
`tar~czvzf~rollno.tgz~rollno/`

Upload this tarball ``rollno-lab7.tgz" on moodle.

Do not change cases, and do not deviate from the
naming scheme for your scripts, directory or tar file to be uploaded.
