

Task 1.

Write a PHP script that will define a class `Employee` with data members (EID, Name, Surname, Position, Unit, Salary), a constructor, accessor and mutator (get and set) functions for the data members, and a function for displaying an employee's information.

Instantiate (create) at least 2 objects of the class "Employee" and display employee information.

Task 2.

Create a database for a Music Conservatorium offering *Instrumental* and *Ensemble* classes. A limited number of students can enrol in each class. Instrumental classes (piano, violin, ...) are individual (one student per class); the Ensemble (jazz band, orchestra, ...) are group classes limited to 5 students.

Insert into the database records for the available classes.

Using the created database, create an application that will allow students to login and enrol in their preferred classes.

The student should be able to list all classes on offer.

The student should be able to enrol in a class (the student cannot be enrolled in classes that are full).

The student should be able to see (in a table) the classes in which is enrolled.

Please note that after logging on and during all sessions, the student is not required to re-enter the username and password.

Note:

The database needs to include a few tables. Design the tables in line with the given task requirements.

You can use phpMyAdmin to create the database and tables.

You can use any tool for maintaining state information with PHP.