

**ASSIGNMENT 3: Understanding Mysql and PHP****(In groups of 4-5 students containing B. Tech. 2<sup>nd</sup> years)****Dr. Varun Dutt****Due: Before 12:00 NOON on September 3<sup>rd</sup>, 2018**

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**Readings:**

- Class notes and slides from week 3
- Activity 3 on Moodle

**Objectives:**

- Understand how Mysql works
- Manipulating Mysql through PHP

**Submission:**

Each group will make one single submission.

Please submit as a zipped file containing the following documents:

- HTML file and CSS stylesheet with proper filenames
- A PHP file with the code
- Also give the mysql dump

**Assignment:**

- Q1. i) Connect to Mysql using PHP using MySQLi
- i) Create a webpage similar to the one attached below using HTML, CSS and PHP.

**Create database and table Using PHP.**

**Form**  
Database name:  
  
Table name:

When the user enters the database name and table name into the text boxes and clicks on the “**CREATE**” button, a database and table should be created in Mysql. You will only enter the table name in the form while the schema (table design) needs to be hard-coded in the PHP file.

The Table should have the following Schema. Also the ID field value should be the **PRIMARY KEY** and should automatically increment with each insertion and **should not be entered manually**.

Field	Type	Null	Key
id	int(6) unsigned	NO	PRI
name	varchar(30)	NO	
email	varchar(50)	YES	
contact	int(11)	YES	
address	varchar(200)	YES	

Q2. Create a webpage similar to the one attached below using HTML, CSS and PHP.

#### Insert Data In Database Using PHP.

**Form**

Name:

Email:

Contact:

Address:

INSERT

DISPLAY

- The webpage created in the previous question should redirect to this page after creation of the table and database in Mysql. (Hint: use Header in the PHP file).
- On clicking **INSERT**, the values of **NAME**, **EMAIL**, **CONTACT** and **ADDRESS** should be inserted in the Mysql table created in the previous question. Also the page should redirect to the same page so that more record can be entered.

- ii) Insert a minimum of 5 records into the Mysql table.

Q3. After the records have been inserted, when the user clicks on the “**DISPLAY**” button the contents of the Mysql table should be displayed in an HTML page in tabular form.

BONUS: This question should only be attempted after all the previous questions have been completed

1. Connect to Mysql using **PDO (PHP Data Objects)**. Only connect to Mysql (Hint: [https://www.w3schools.com/php/php\\_mysql\\_connect.asp](https://www.w3schools.com/php/php_mysql_connect.asp))