

Lab – 11: PHP and MySQL

Objective:

- Connecting PHP with MySQL.
- Creating tables in database.
- Adding data in database.
- Applying various DB queries.

Create a **SINGLE** web page. Write down PHP functions to implement various scenarios. Please write COMMENTS in your work else it will not be checked. Save your file as Name_RollNumber.php.

TASK # 1: Create a shopping.php page and insert the data given below in “Products Table” via the form on that page.

Products

id	name	type	price
123451	Park's Great Hits	Music	19.99
123452	Silly Puddy	Toy	3.99
123453	Playstation	Toy	89.95
123454	Men's T-Shirt	Clothing	32.50
123455	Blouse	Clothing	34.97
123456	Electronica 2002	Music	3.99
123457	Country Tunes	Music	21.55
123458	Watermelon	Food	8.73

Create a button named “Min Price” on shopping.php. It should be linked to budget.php page that displays the min price of each product type as shown below:

Output

```
Clothing - $32.50
Food - $8.73
Music - $3.99
Toy - $3.99
```

Hint:

```
$myquery = "SELECT type, MIN(price) FROM products GROUP BY type";
while(.....){
    echo $row['type']. " - $". $row['MIN(price)']; }
```

TASK # 2: Write an SQL Query via PHP to display all the data of employees that work in department 57 or department 63 and sort the retrieved data on employee DEPT in descending order **and then** on by employee FNAME in ascending order. Generate output in presentable format. The query should be executed on the below given table:

EMP_IDNO	EMP_FNAME	EMP_LNAME	EMP_DEPT
127323	Michale	Robbin	57
526689	Carlos	Snares	63
843795	Enric	Dosio	57
328717	Jhon	Snares	63
444527	Joseph	Dosni	47
659831	Zanifer	Emily	47
847674	Kuleswar	Sitaraman	57
748681	Henrey	Gabriel	47
555935	Alex	Manuel	57

Submission Deadline:

- No late submissions will be entertained.
- Submissions in emails will not be marked.
- Submit a zipped folder with your roll number.