Assignment No :04

Name:- Sushil Bhardwaj

Roll No:- TCOB128

* Title :- Design and Develop web application using PHP and MSQL as a back-end for Employee data with insert and display operation.

* Outcomes:-
1. Develop web based application using suitable client side and server side web technologies.
2. Develop solution to complex problems using appropreate method, technologies, frameworks, web services & content management.
3. Connect web application to database using my-SQL & PHP.
4. Perform database operation using PHP & MySQL.

* Software & Hardware requirement :-

→ software :-   • VS code or any code Editor
                • XAMP server

* Theory :-

Database :-

  A database is an organized collection of data, generally stored and accessed electronically from a computer system, where databases are more complex they are often developed using formal design & modeling techniques.

→ MSQL :-

  MSQL is an open source relational database management system. It is the most popular database system used with PHP. MSQL is det developed, distributed and supported by oracle corporation.

* MySQL commands / queries / statements :-

1] Create :-

  This statement is used to create databases & tables in MySQL

  → syntax :-

    CREATE TABLE table-name (values);

  → Example :- CREATE TABLE employee (
      id int primary key autoincrement,
      name varchar(50) not null,
      address varchar(250) not null,
      salary int not null,
    );

2] Insert :-

Insert statement is used to insert new rows in database table.

→ sntax :-

```
INSERT INTO table_name
    (col1, col2, ---- COIN).
    VALUES (val1, val2 -- valn);
```

→ Example :-

```
INSERT INTO employee (name,
                 address, salary)
    VALUES ('sbrodas', 'mumbaj', 1000);
```

3] Display table :-

SELECT :-

This statement is used to select the data from one are more tables.

→ syntax:- SELECT column_name FROM
                  table_name WHERE condition;

→ Example :-

```
SELECT * FROM employee;
// above query display's all rows from db.
```

* Technology and Tools :-
    - PHP & MSQL

* Conclusion :-

    In this assignment, we have studied that, how to connect PHP to mysql & insert and display operation on Mysql database using PHP XAMP Server. with a server.