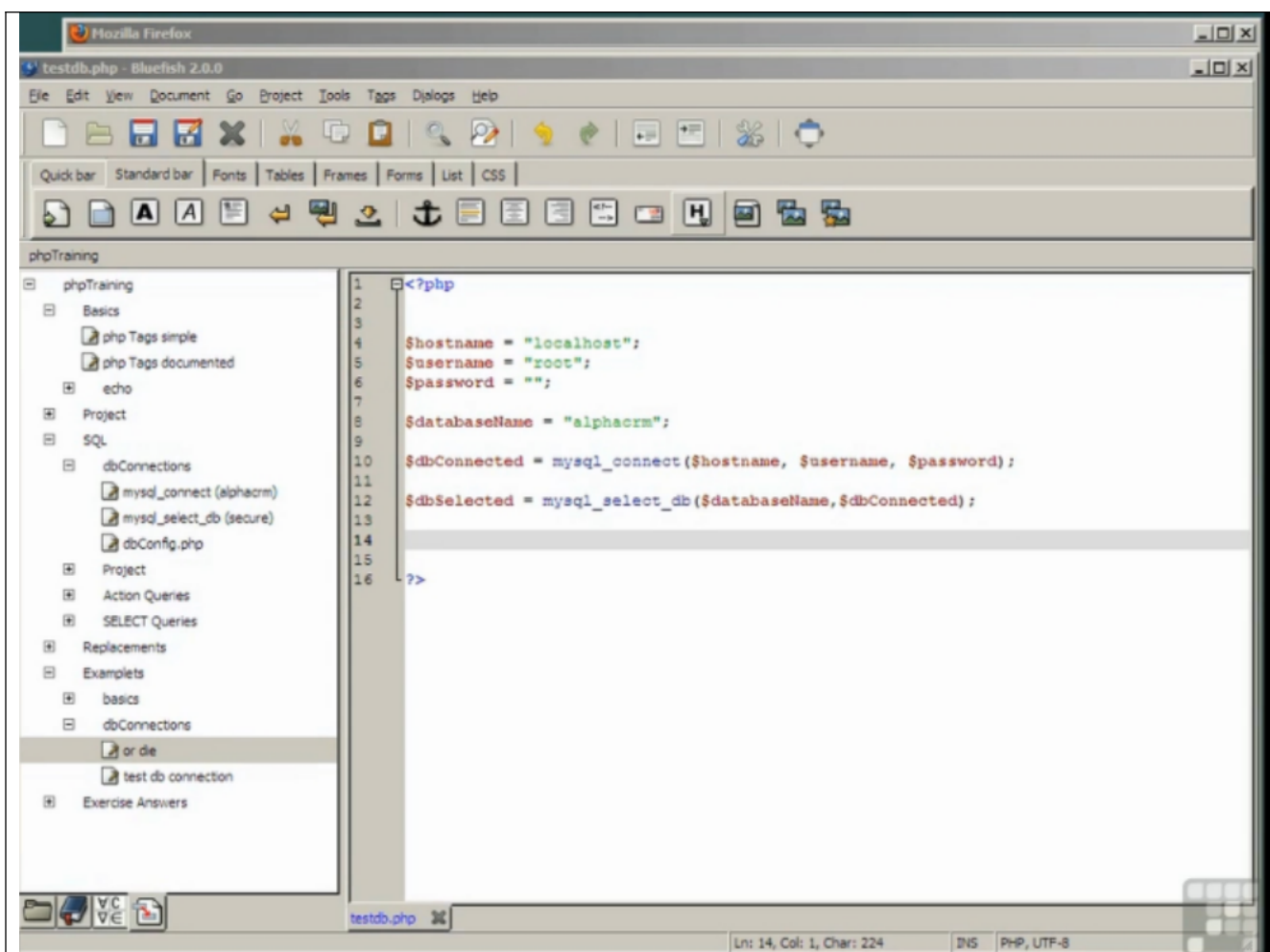


DAILY ASSESSMENT FORMAT

Date:	09-06-2020	Name:	Jagadeesha Hegde
Course:	MySQL	USN:	4AL17EC036
Topic:	Outputting and processing data Dealing with variables Inserting and using database data	Semester & Section:	6th A-sec
Github Repository:	Jagadeesha-036		

FORENOON SESSION DETAILS

Image of session



Report – Report can be typed or hand written for up to two pages.

MySQL used for both small and large applications.

- MySQL is a relational database management system (RDBMS).
- MySQL is fast, reliable, and flexible and easy to use.
- MySQL supports standard SQL (Structured Query Language).

- MySQL is free to download and use.
- MySQL was developed by Michael Widenius and David Axmark in 1994.
- MySQL is presently developed, distributed, and supported by Oracle Corporation.
- MySQL Written in C, C++.

A data processing system is a combination of machines, people, and processes that for a set of inputs produces a defined set of outputs. The inputs and outputs are interpreted as data, facts, information etc. depending on the interpreter's relation to the system.

A term commonly used synonymously with data processing system is information system. With regard particularly to electronic data processing, the corresponding concept is referred to as electronic data processing system.

A data processing system may involve some combination of:

- Conversion converting data to another form or Language.
- Validation – Ensuring that supplied data is "clean, correct and useful."
- Sorting – "arranging items in some sequence and in different sets."
- Summarization – reducing detail data to its main points.
- Aggregation – combining multiple pieces of data.
- Analysis – the "collection, organization, analysis, interpretation and presentation of data."
- Reporting – list detail or summary data or computed information.

Dealing with variables:

MySQL variable assignment:

There are two ways to assign a value to a user-defined variable.

The first way is to use the SET statement as follows:

```
Ø SET @variable_name: = value;
```

You can use either: = or = as the assignment operator in the SET statement.

For example, the statement assigns number 100 to the variable @counter.

```
Ø SET @counter: = 100
```

The second way to assign a value to a variable is to use the SELECT statement. In this

case, you must use the: = assignment operator because, within the SELECT statement, MySQL treats the = operator as the equal operator.

Ø SELECT @variable_name: = value

Inserting and using database data:

- The INSERT INTO statement is used to add new data to a database.
- The INSERT INTO statement adds a new record to a table.
- INSERT INTO can contain values for some or all of its columns. INSERT INTO can be combined with a SELECT to insert records

Here are some syntax rules to follow:

- The SQL query must be quoted in PHP
- String values inside the SQL query must be quoted
- Numeric values must not be quoted
- The word NULL must not be quoted

