(MySQL) DAY ONE (Mysql database) 1. What is MySQL? (D) database used in web; (D) database system runs on a server; (B) on idea for \$1 both smoul and large applications; (D) fast reliable easy; (B) Standard SQL;

B compiles on a number of platforms; I free to download and use;

& developed, distributed, and supported by Oracle;

@ mysql is named after co-founder Monty Widenius's daughter: My

2. Dotabase aneries:

A queries is a question or a request.

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DAY TWO ( MYSQL Connect):
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O PHP connect to Mysav = Via Mysavi extension, PDO (PHP Data Objects)

@ Open a Connection to MySQL: Example (MySQLT Object-Oriented).

```
<?php
```

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$ severname = "localhost";

$ username = "usename";

$ password = "password";

$ conn = new mysqli(& severname, fusername, $password);

If ($conn = connect_error) }

die ("connection failed:". $ conn = connect_error);

}

echo "Connected Successfully";
```

DAY THREE C Create (B)

Example of mysali object-oriented:

\$591 = "CREATE DATABASE myDB";

If (\$conn > query(\$591) == FRETRUE) {

echo "Dotabase created successfully";

} else {

echo "Error creating database: ".\$conn=error;

mysg1 > Source Sabsolutepath.

DAY POUR (create Table)

1) The data type specifies what type of data cto column can hold;

6) After the data type, you can specify other optional attributes:

- NOT NULL - DEPAUT value - UNSINGNED

- AUTO INCREMENT: automatically increases the value of the field by 1 each time a new record is added.

- PRIMARY KEY : HAR

3 example =

DAY FIVE (insert porta):

Mysql format: insert into table name (colum1,)
volues (values, ...)

?>

3 close connection: \$ conn -> closel);

DAY SIX (Pro)

Oget 10 of the last inserted record: \$last_id = \$com -> insert_id;

@ insert multiple records into MysQL: excuted with mysqli_multi_guery()
function, example: \$conn => multi_guery(\$sql)

Basically word like this:

1° Prepared = An sal Statement template is created and sent to the database. Certain values are left unspecied, call parameters (label ?"

Sal statement template, and stores the result without executing it.

3° Excute: At a locter time, the app blinds the values to the parameters, and the database executes the Statement,

4° example: "

\$ stmot = \$ conn -> prepare ("Insert into mytable (attri) voldes (?)");

\$ start -> bind-param("s", \$ attri)

\$ attri = "Yourname";

\$ stmt > execute().

...

transaction: begin-rollback-commit

Set AUTOCOMMT = 0/1

function test input (\$data) }

\$data = trim (\$data);

\$data = Stripslashes(\$data);

\$data = htmlspecial chars(\$data);

return \$data; }

DAY SEVEN (Plate) aperate):

Or Wildcard *

Or Select cloum_name from table_name;

ey: "\$ result = \$conn -> query c\$ sq1);

if (\$ result -> num_rows > 0) }

while (\$ row = \$ result -> fetch - \$assoc()) }

echo ";

} else {

etho " & results"

Delete data: delete from table_name where some_c = some_v

B) php update data in mysal: update table_name.

Set clol:=v1, clo2=v2,...

Where some_c = some_v

* If you omit the where clause. all records will be updated

Php limit dota selections from MySQL:

MySQL provides a LIMIT clause that is used to specify the numbers

Assume we wish to select all records from 1-30 (inclusive). We can:

* \$sql = "SELECT * FROM ta-na LIMIT 30"

More over: return 10 records, Start on record 16 (offset 15) + \$591 = "SELECT + FROM ta-na LIMIT 10 OFFSET 15"

\$\times \times \frac{4}{5}91 = \text{"SELECT} + FROM ta-na LIMIT 15,10

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