

EX.NO:1

## DDL COMMANDS

### Aim:

To work with DDL commands.

### Procedure:

The Data Definition Language (DDL) Commands are-

#### CREATE:

-It is used to create a new table or new database.

#### i)CREATE DATABASE:

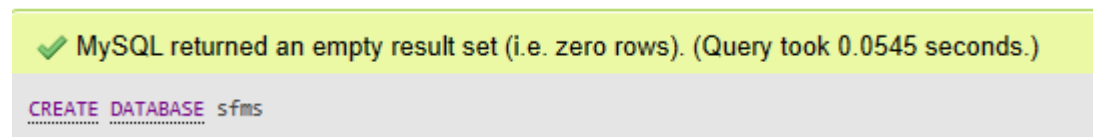
Syntax :

```
CREATE DATABASE database_name;
```

Command :

```
CREATE DATABASE sfms;
```

Output:



#### ii) CREATE TABLE:

Syntax:

```
CREATE TABLE tablename  
(column_name1 datatype,  
... ..,  
column_name_n datatype);
```

Command:

```
CREATE TABLE `student` (  
  `register` varchar(255) NOT NULL,  
  `name` varchar(255) NOT NULL,  
  `email` varchar(255) NOT NULL,  
  `gender` varchar(100) NOT NULL,  
  `updatationDate` date NOT NULL,  
  `password` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Output:

register	name	email	gender	updatationDate	password
----------	------	-------	--------	----------------	----------

**Alter:**

-The ALTER statement is used to add, delete or modify columns in an existing table.

**i) ALTER TABLE-ADD COLUMN:**

Syntax:

```
ALTER TABLE table_name
```

```
ADD column_name datatype;
```

Example:

```
ALTER TABLE student
```

```
ADD mobile int(11);
```

Output:

register	name	email	gender	updatationDate	password	mobile
----------	------	-------	--------	----------------	----------	--------

**ii) ALTER TABLE-DROP COLUMN:**

Syntax:

```
ALTER TABLE table_name
```

```
DROP COLUMN column_name;
```

Example:

```
ALTER TABLE student
```

```
DROP COLUMN mobile;
```

Output:

register	name	email	gender	updatationDate	password
----------	------	-------	--------	----------------	----------

### iii) ALTER TABLE - RENAME COLUMN:

Syntax:

```
ALTER TABLE table_name  
  
CHANGE old_name new_name DATA TYPE;
```

Example:

```
ALTER TABLE student  
  
CHANGE updationDate regDate DATE NOT NULL;
```

Output:

#	Name	Type	Collation
1	register	varchar(255)	latin1_swedish_ci
2	name	varchar(255)	latin1_swedish_ci
3	email	varchar(255)	latin1_swedish_ci
4	gender	varchar(255)	latin1_swedish_ci
5	regDate	date	
6	password	varchar(255)	latin1_swedish_ci

### iv) ALTER TABLE-MODIFY DATATYPE:

Syntax:

```
ALTER TABLE table_name  
  
MODIFY column_name DATA TYPE;
```

Example:

```
ALTER TABLE student  
  
MODIFY regDate varchar(255);
```

Output:

#	Name	Type	Collation
<input type="checkbox"/> 1	register	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 2	name	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 3	email	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 4	gender	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 5	regDate	date	
<input type="checkbox"/> 6	password	varchar(255)	latin1_swedish_ci

#	Name	Type	Collation
<input type="checkbox"/> 1	register	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 2	name	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 3	email	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 4	gender	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 5	regDate	varchar(255)	latin1_swedish_ci
<input type="checkbox"/> 6	password	varchar(255)	latin1_swedish_ci

### Truncate:

-This command is used to remove all the rows from the table.

Syntax:

```
TRUNCATE TABLE table_name;
```

Example:

```
TRUNCATE TABLE student;
```

### RENAME:

-It is used to rename the table from the database.

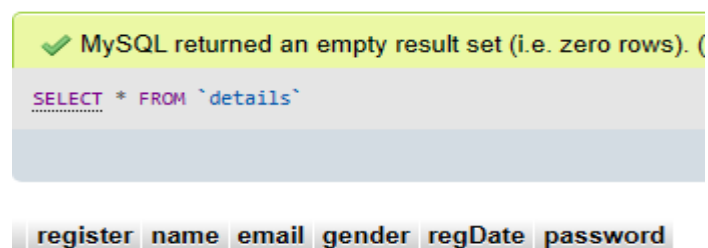
Syntax:

```
RENAME TABLE old_table_name TO new_table_name;
```

Example:

```
RENAME TABLE student TO details;
```

Output:



```
✓ MySQL returned an empty result set (i.e. zero rows). (
SELECT * FROM `details`
+-----+
register  name  email  gender  regDate  password
```

### DROP:

-It is used to delete a table, index or view from database.

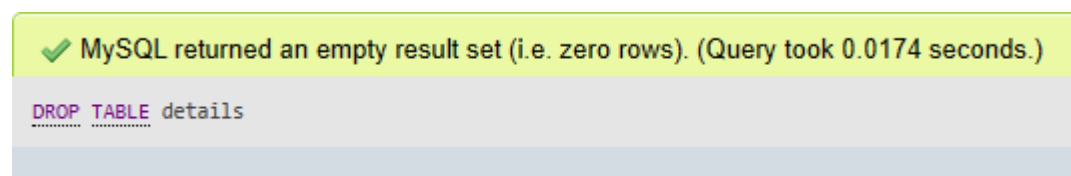
Syntax:

```
DROP TABLE table_name;
```

Example:

```
DROP TABLE details;
```

Output:



```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0174 seconds.)
DROP TABLE details
+-----+ +-----+
```

### Result:

The DDL COMMANDS are successfully executed and the output is verified.

**Ex No:02**

## **DML COMMANDS**

### **Aim:**

To work with DML commands

### **Procedure:**

The Data Manipulation Language(DML) commands are-

Select - Retrieve data from the database.

Insert - Insert data into a table.

Update - Update existing data within a table.

Delete – Delete records from a database table.

### **Insert:**

-Insert command is used to insert a data into a table.

Syntax:

```
INSERT INTO table_name(column_list)
```

```
VALUES (column_values);
```

Example:

```
INSERT INTO `student` (`register`, `name`, `email`, `gender`, `updatationDate`, `password`)  
VALUES('19cs0401', 'Raju', 'raju@gmail.com', 'male', curdate(), '121212');
```

Output:

register	name	email	gender	updatationDate	password
19cs0401	Raju	raju@gmail.com	male	2023-03-10	121212

### **Update:**

-Update command is used to update existing data with in a table.

Syntax:

```
UPDATE table_name SET column_name = column_value WHERE CONDITION;
```

Example:

```
UPDATE student SET password = '12345678' WHERE register='19cs0401';
```

Output:

register	name	email	gender	updatationDate	password
19cs0401	Raju	raju@gmail.com	male	2023-03-10	12345678

## SELECT:

-Select command is used to retrieve data from the database.

Syntax:

- SELECT \* FROM table\_name;
- SELECT column\_name FROM table\_name WHERE CONDITION;

EXAPMLE:

- SELECT \* FROM student;

Output:

register	name	email	gender	updateDate	password
19cs0401	Raju	raju@gmail.com	male	2023-03-10	12345678

- SELECT name FROM student WHERE register='19cs0401';

Output:

name
Raju

## DELETE:

-Delete command is used to delete a records from a database table.

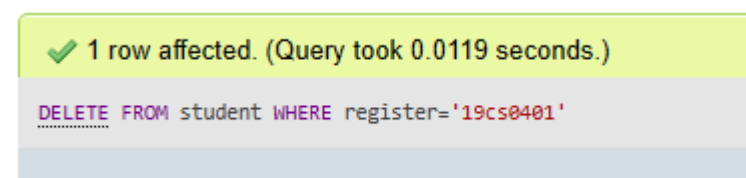
Syntax:

DELETE FROM table\_name WHERE CONDITION;

Example:

DELETE FROM student WHERE register='19cs0401';

Output:



## Result:

The DML COMMANDS are successfully executed and the output is verified.

Ex No:03

## DCL COMMANDS

### Aim:

To work with DCL commands.

### Procedure:

The Data Control Language (DCL) are-

#### GRANT :

- It is used to grant a privilege to a user & allow to perform specific task.

#### Syntax:

```
GRANT [privilege_name or ALL] ON table_name TO 'user'@'localhost';
```

#### Example:

```
GRANT SELECT,UPDATE,DELETE,INSERT ON student TO 'Raju'@'localhost';
```

#### Output:

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0078 seconds.)

```
GRANT SELECT,UPDATE,DELETE,INSERT ON student TO 'Raju'@'%'
```

#### REVOKE:

- It is used to remove granted privilege from a user.

#### Syntax:

```
REVOKE [privilege_name or ALL] ON table_name FROM user;
```

#### Example:

```
REVOKE SELECT,UPDATE,DELETE,INSERT ON student FROM 'Raju'@'%';
```

#### Output:

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0043 seconds.)

```
REVOKE SELECT,UPDATE,DELETE,INSERT ON student FROM 'Raju'@'%'
```

### Result:

The DCL COMMANDS are successfully executed and the output is verified.

EX.NO:4

## SUB QUERY

### Aim:

To work with My SQL Sub Query.

### Procedure:

Sub Query can be simply defined as a query within another query. In other words we can say that a subquery is a query that is embedded in where clause of another query.

### SELECT:

-Sub Query in select statement(command) .

Syntax :

```
SELECT column_name FROM table_name  
WHERE (SELECT column_name FROM table_name WHERE CONDITION);
```

Example :

```
SELECT * FROM student WHERE (SELECT reg_no FROM profile_log WHERE id=3);
```

Output:

register	name	email	gender	password
19cs0401	Raju	raju@gmail.com	male	121212

### INSERT:

-Sub Query in insert command.

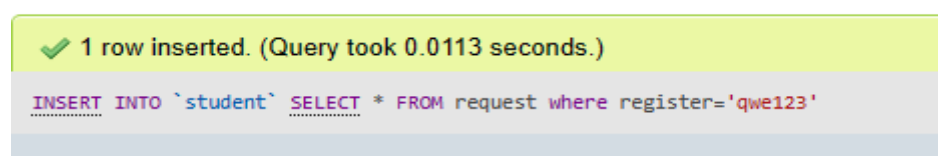
Syntax:

- Insert into table1 select\*From table2;
- Insert into table1 select\*From table2 where condition;

Example:

```
INSERT INTO `student` SELECT * FROM request where register='qwe123';
```

Output:





## UPDATE:

-Sub Query in update command.

Syntax:

```
UPDATE table_name SET column_Name = Value  
WHERE column_name IN (SELECT column_name FROM table2 WHERE CONDITION);
```

Example:

```
UPDATE student SET `password` ='abcd'  
WHERE register IN (SELECT reg_no FROM profile_log WHERE id=3);
```

Output:

register	name	email	gender	password
19cs0439	Raju	raju@gmail.com	male	abcd

## DELETE:

-Sub Query in delete command.

Syntax:

```
Delete from table where column_name in (select column_name from table2 where  
CONDITION)
```

Example:

```
DELETE FROM `student` WHERE register IN(SELECT reg_no FROM profile_log WHERE id=3);
```

Output:

register	name	email	gender	password
<input type="checkbox"/> Check all    With selected:  Edit     Copy     Delete     Export				

## Result:

The SUB QUERY COMMANDS are successfully executed and the output is verified.

**EX.NO:4**

## **SQL JOINS**

**Aim:**

To work with MySQL JOINS.

**Procedure:**

A join clause is used to combine rows from two or more tables, based on a related column between them.

**INNER JOIN:**

-this keyword selects records that have matching values in both tables.

Syntax :

Select column name(s) from table;

Inner Join table2

ON table1.column\_name= table2.column\_name;

Example :

```
SELECT student.register,student.name,student.email,profile_log.type FROM student
```

```
INNER JOIN profile_log on
```

```
student.register=profile_log.reg_no;
```

Output:

register	name	email	type
19cs0439	Raju	raju@gmail.com	profile created
19cs0439	Raju	raju@gmail.com	profile updated
19cs0439	Raju	raju@gmail.com	profile deleted

**LEFT JOIN:**

-returns all records from the left table and matching records(if any) from the right table.

Syntax:

```
SELECT column_name(s) From table1;
```

```
LEFT JOIN table2 ON table1. Column_name = table2.column_name;
```

Example:

```
SELECT student.register,student.name,student.email,profile_log.type
FROM student LEFT JOIN profile_log on
student.register=profile_log.reg_no;
```

Output:

register	name	email	type
19cs0439	Raju	raju@gmail.com	profile created
19cs0439	Raju	raju@gmail.com	profile updated
19cs0439	Raju	raju@gmail.com	profile deleted
19cs0401	sam	sam@gmail.com	NULL

### RIGHT JOIN:

-returns all records from the right table and matching records (if any) from the left table.

Syntax:

```
SELECT column_name(s) From table1;
RIGHT JOIN table2 ON table1. Column_name = table2.column_name;
```

Example:

```
SELECT student.register,student.name,student.email,profile_log.type FROM student
RIGHT JOIN profile_log on student.register=profile_log.reg_no;
```

Output:

register	name	email	type
19cs0439	Raju	raju@gmail.com	profile created
19cs0439	Raju	raju@gmail.com	profile updated
19cs0439	Raju	raju@gmail.com	profile deleted
NULL	NULL	NULL	profile created
NULL	NULL	NULL	profile deleted

### CROSS JOIN:

-returns all records from both tables.

Syntax:

```
Select column_name(s)
From table1.cross join table2;
```

Example:

```
SELECT student.register,student.name,student.email,profile_log.type FROM student  
CROSS JOIN profile_log ;
```

Output:

register	name	email	type
19cs0401	sam	sam@gmail.com	profile created
19cs0439	Raju	raju@gmail.com	profile created
19cs0401	sam	sam@gmail.com	profile updated
19cs0439	Raju	raju@gmail.com	profile updated
19cs0401	sam	sam@gmail.com	profile deleted
19cs0439	Raju	raju@gmail.com	profile deleted
19cs0401	sam	sam@gmail.com	profile created
19cs0439	Raju	raju@gmail.com	profile created
19cs0401	sam	sam@gmail.com	profile deleted
19cs0439	Raju	raju@gmail.com	profile deleted

Syntax 2:

```
Select column_name(s)  
From table1 cross join table2  
Where condition;[if using where act as a inner join];
```

Example:

```
SELECT student.register,student.name,student.email,profile_log.type FROM student  
CROSS JOIN profile_log on student.register=profile_log.reg_no;
```

Output:

register	name	email	type
19cs0439	Raju	raju@gmail.com	profile created
19cs0439	Raju	raju@gmail.com	profile updated
19cs0439	Raju	raju@gmail.com	profile deleted

**Result:**

The SQL JOINS are successfully executed and the output is verified.

**Ex No:05**

## **PL/SQL**

### **Aim:**

To work with PL/SQL

### **Procedure:**

- ❖ PL/SQL is a combination of SQL along with the procedural features of programming languages.
- ❖ PL/SQL is one of three key programming languages embedded in the Oracle Database, along with SQL itself and Java.
- ❖ The PL/SQL programs are divided and written in logical blocks of code. Each block consists of three sub-parts,
  - Declare
  - Begin
  - Exception
  - End

### **SYNTAX:**

DECLARE

<declarations section>

BEGIN

<executable section commands>

EXCEPTION

<exception handling>

END;

## EXAMPLE:

### 1.Addition of Two Numbers:

#### Program Code:

```
declare
x number(5);
y number(5);
z number(5);
begin
x:=50;
y:=20;
z:=x+y;
dbms_output.put_line('sum is' || z);
end;
/
```

#### Output for example-1:

```
1  declare
2  x number(5);
3  y number(5);
4  z number(7);
5  begin
6  | -- Here we Assigning 10 into x
7  x:=10;
8  -- Assigning 20 into x
9  y:=20;
10 -- Assigning sum of x and y into z
11 z:=x+y;
12 -- Print the Result
13 dbms_output.put_line('Sum is ' || z);
14 end;
15 /
16
17
18
```

Results	Explain	Describe	Saved SQL	History
---------	---------	----------	-----------	---------

Sum is 30

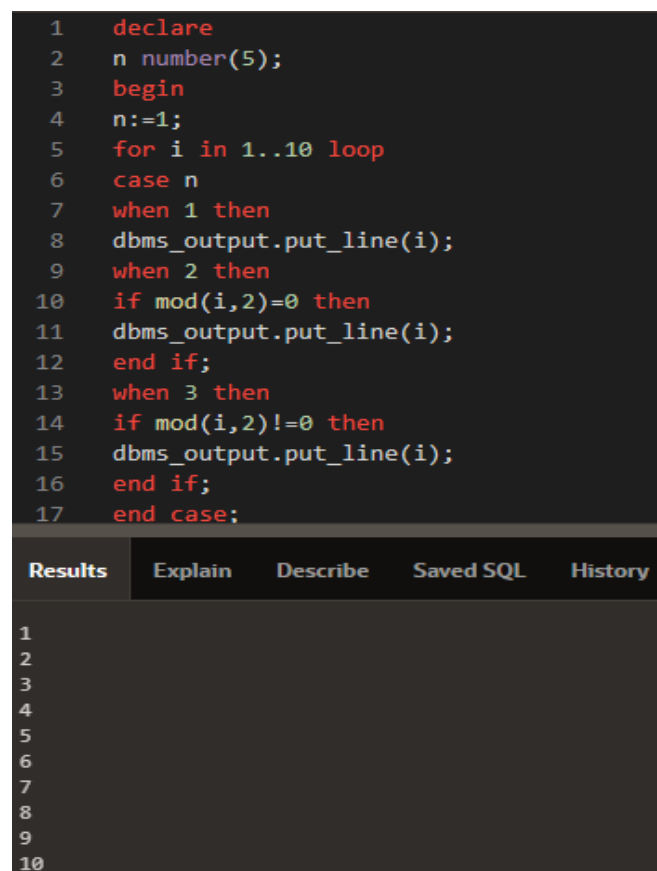
Statement processed.

## 2. Generating Series:

### Program Code:

```
declare
n number(5);
begin
n:=1;
for i in 1..10 loop
case n
when 1 then
dbms_output.put_line(i);
when 2 then
if mod(i,2)=0 then
dbms_output.put_line(i);
end if;
when 3 then
if mod(i,2)!=0 then
dbms_output.put_line(i);
end if;
end case;
end loop;
end;
/
```

### Output for example-2:



The screenshot displays a SQL IDE interface. The top section shows the PL/SQL code being executed, which is a program to generate a series of numbers. The code includes a loop from 1 to 10, a case statement to handle different values of n, and conditional logic to print numbers based on their divisibility by 2. The bottom section shows the output of the program, which is a list of numbers from 1 to 10.

```
1 declare
2 n number(5);
3 begin
4 n:=1;
5 for i in 1..10 loop
6 case n
7 when 1 then
8 dbms_output.put_line(i);
9 when 2 then
10 if mod(i,2)=0 then
11 dbms_output.put_line(i);
12 end if;
13 when 3 then
14 if mod(i,2)!=0 then
15 dbms_output.put_line(i);
16 end if;
17 end case;
end loop;
end;
```

Results Explain Describe Saved SQL History

```
1
2
3
4
5
6
7
8
9
10
```

**Result:**The PL/SQL program is successfully executed and the output is verified.

EX No:06

## Cursors, Procedures and Functions

### Aim:

To work with the Cursor, Procedure and Function in PL/SQL

### Procedure:

Step 1: Create a necessary table for perform action .

Step 2: Then work with database using PL/SQL Block commands

### 1.CURSOR:

#### Syntax:

```
DECLARE cursor_name CURSOR
FOR select_statement;
OPEN cursor_name;
FETCH NEXT FROM cursor INTO variable_list;
CLOSE cursor_name;
```

### 2.PROCEDURE:

#### Syntax:

```
DECLARE

CREATE PROCEDURE procedure_name[[[IN]|OUT|INOUT]parameter_name
datatype[.parameter_datatype]

AS

Declaration_section

BEGIN

Executable_section
END;
BEGIN
[procedure_name]();
END;
```

### 3.FUNCTION:

#### Syntax:

```
CREATE [OR REPLACE] FUNCTION function_name [parameters]
[(parameter_name [IN | OUT | IN OUT] type [, ...])]
RETURN return_datatype
{IS | AS}
```



```

        BEGIN
    < function_body >
        END [function_name];

```

**Example:**

```

DECLARE

    n number ;

    t number;

    s_id student.std_id%type;
    s_name student.name%type;
    s_cgpa student.cgpa%type;

    CURSOR s_student is                --cursor

        SELECT std_id, name, cgpa FROM student;

    PROCEDURE pro AS                    --procedure

    BEGIN

        OPEN s_student;

        LOOP

            FETCH s_student into s_id, s_name, s_cgpa;

            EXIT WHEN s_student%notfound;

            s_cgpa:=s_cgpa*10;

            dbms_output.put_line('Id:' || s_id || '   Name:' || s_name || '   Percentage:' || s_cgpa);

        END LOOP;

        CLOSE s_student;

    END;

    FUNCTION func                        -- function

    RETURN number IS

        total number(2) := 0;

    BEGIN

        SELECT count(*) into total

        FROM student;

        RETURN total;

```

```

END;

BEGIN      --main program

n:=1;

case n

    when 1 then

        PRO();

    when 2 then

        t:=func();

        dbms_output.put_line(t);

END case;

END;

/

```

### Output:

when n=1:

9		
10	DECLARE	
11	n number ;	
12	t number;	
13	s_id student.std_id%type;	
14	s_name student.name%type;	
15	s_cgpa student.cgpa%type;	
16	CURSOR s_student is	
17	SELECT std_id, name, cgpa FROM student;	
18	PROCEDURE pro AS	
19	BEGIN	
Results Explain Describe Saved SQL History		
Id:2	Name:abc	Percentage:79
Id:3	Name:dca	Percentage:77
Id:1	Name:raju	Percentage:68

**Output:**

when n=2

```
38 BEGIN
39 n:=2;
40 case n
41     when 1 then
42         PRO();
43     when 2 then
44         t:=func();
45         dbms_output.put_line(t);
46 END case;
47 END;
```

Results	Explain	Describe	Saved SQL	History
3				

**Result:**

The cursor, procedure and function in PL/SQL is successfully executed and the output is verified.

**Ex No:07**

## **TRIGGERS**

**Aim:**

To work with TRIGGER in mySQL

**Procedure:**

**Syntax:**

```
CREATE [DEFINER = { user | CURRENT_USER }]
```

```
TRIGGER trigger_name
```

```
trigger_time trigger_event ON tbl_name
```

```
FOR EACH ROW
```

```
trigger_body
```

- trigger\_time: { BEFORE | AFTER }
- trigger\_event: { INSERT | UPDATE | DELETE }

**Example:**

- 1) Trigger for insert command.

**Trigger Command:**

```
DROP TRIGGER IF EXISTS `insert`;
```

```
CREATE DEFINER=`root`@`localhost` TRIGGER `insert`
```

```
AFTER INSERT ON `student`
```

```
FOR EACH ROW
```

```
INSERT into profile_log VALUES(null,new.register,'profile created',curdate());
```

**SQL command:**

```
INSERT INTO `student` (`register`, `name`, `email`, `gender`, `updationDate`, `password`) VALUES  
('19cs0439', 'Raju', 'rajuraj@gmail.com', 'male', CURRENT_DATE(), 'Raju@1234');
```

Table:student









	register	name	email	gender	password
<input type="checkbox"/>  Edit  Copy  Delete	19cs0439	Raju	Raju@gmail.com	male	12345678
 <input type="checkbox"/> Check all	With selected:  Edit  Copy  Delete  Export				

Table:profile\_log

+ Options

	id	reg_no	type	time
<input type="checkbox"/>  Edit  Copy  Delete	1	19cs0439	profile created	2023-03-04
 <input type="checkbox"/> Check all	With selected:  Edit  Copy  Delete  Export			

## 2) Trigger for update command.

### Trigger Command:

```
DROP TRIGGER IF EXISTS `update`;
```

```
CREATE DEFINER=`root`@`localhost` TRIGGER `update`
```

```
AFTER UPDATE ON `student`
```

```
FOR EACH ROW
```

```
INSERT into profile_log VALUES(null,new.register,'profile updated',curdate());
```






### SQL command:

```
UPDATE `student` SET `email`='Raju@gmail.com',`password`=12345678 WHERE register='19cs0439';
```

Table:student

	register	name	email	gender	password
<input type="checkbox"/>  Edit  Copy  Delete	19cs0439	Raju	Raju@gmail.com	male	12345678
 <input type="checkbox"/> Check all	With selected:  Edit  Copy  Delete  Export				

**Table:profile\_log**

				id	reg_no	type	time
<input type="checkbox"/>		Edit	 Copy  Delete	1	19cs0439	profile created	2023-03-04
<input type="checkbox"/>		Edit	 Copy  Delete	2	19cs0439	profile updated	2023-03-04

### 3) Trigger for delete command

#### Trigger Command:

```
DROP TRIGGER IF EXISTS `delete`;
```

```
CREATE DEFINER=`root`@`localhost` TRIGGER `delete`
```

```
BEFORE DELETE ON `student`
```

```
FOR EACH ROW
```

```
INSERT into profile_log VALUES(null,old.register,'profile deleted',curdate());
```









#### SQL command:

```
Delete from `student` where register='19cs0439';
```

**Table:student**

register	name	email	gender	password
----------	------	-------	--------	----------

**Table:profile\_log**

						id	reg_no	type	time	
<input type="checkbox"/>		Edit		Copy		Delete	1	19cs0439	profile created	2023-03-04
<input type="checkbox"/>		Edit		Copy		Delete	2	19cs0439	profile updated	2023-03-04
<input type="checkbox"/>		Edit		Copy		Delete	3	19cs0439	profile deleted	2023-03-05

#### Result:

The Triggers in SQL is successfully executed and the output is noted.

## STUDENT'S FILE MANAGEMENT SYSTEM

### Aim:

To create a Web Application for STUDENT'S FILE MANAGEMENT SYSTEM(SFMS)

### ABSTRACT:

The Student's File Management System (SFMS) is a web application designed to help students manage their academic files and assignments online. It simplifies file management and enhances productivity by eliminating the need for physical storage devices.

The SFMS provides a secure centralized location for students to store their academic files and assignments, reducing the risk of data loss or corruption. It is also highly customizable and scalable to meet the specific needs of educational institutions, departments, and individual students.

This paper presents the development and implementation of the SFMS as a web application, highlighting its key features and benefits to students. We also discuss the challenges and opportunities associated with deploying and managing a web-based file management system in an educational environment.

### MODULES:

The entire project mainly consists of **2** modules, which are

1. Admin module.
2. Student module.

### Software Requirements:

- Operating system – Windows 10
- Web Server : XAMPP [5.6.4]
- Database : MYSQL [5.0.21]
- Coding Language : Web Tech (HTML, CSS, Java Script, PHP)

### LIMITATION OF EXISTING SYSTEM

- Manual work.
- Time consuming.
- Lack of reliability.

## Database Structure:

Database : sfms

Table1 : admin

#	Name	Type	Collation
1	<b>id</b> 🔑	int(11)	
2	<b>username</b>	varchar(255)	latin1_swedish_ci
3	<b>password</b>	varchar(255)	latin1_swedish_ci
4	<b>updatetime</b>	varchar(255)	latin1_swedish_ci

Table2 : request

#	Name	Type	Collation
1	<b>register</b> 🔑	varchar(255)	latin1_swedish_ci
2	<b>name</b>	varchar(255)	latin1_swedish_ci
3	<b>email</b>	varchar(255)	latin1_swedish_ci
4	<b>gender</b>	varchar(255)	latin1_swedish_ci
5	<b>requestDate</b>	date	
6	<b>password</b>	varchar(255)	latin1_swedish_ci

Table3 : student

#	Name	Type	Collation
1	<b>register</b> 🔑 🔑	varchar(255)	latin1_swedish_ci
2	<b>name</b>	varchar(255)	latin1_swedish_ci
3	<b>email</b>	varchar(255)	latin1_swedish_ci
4	<b>gender</b>	varchar(100)	latin1_swedish_ci
5	<b>updatetime</b>	date	
6	<b>password</b>	varchar(255)	latin1_swedish_ci



## Code:

### 1)Config.php

```
<?php

define('DB_SERVER','localhost');

define('DB_USER','root');

define('DB_PASS','');

define('DB_NAME','sfms');

$con = mysqli_connect(DB_SERVER,DB_USER,DB_PASS,DB_NAME);

// Check connection

if (mysqli_connect_errno())

{

    echo "Failed to connect to MySQL: " . mysqli_connect_error();

}

?>
```

### 2)registration.php

```
<?php

include_once('include/config.php');

if(isset($_POST['submit']))

{

    $name=$_POST['name'];

    $register=$_POST['register'];

    $gender=$_POST['gender'];

    $email=$_POST['email'];

    $password=$_POST['password'];

    $query=mysqli_query($con,"insert into request(name,register,email,gender,password,requestDate)
    values('$name','$register','$email','$gender','$password',curdate())");

    if($query)
```

```

{      echo "<script>alert('Successfully Requested. You can login after few minutes ');</script>";

      //header('location:index.php');

}

else {

echo "<script>alert('request unsuccessfully');</script>";

}

}

?>

```

### **3)user-login.php**

```

<?php

session_start();

error_reporting(0);

include("include/config.php");

if(isset($_POST['submit']))

{

$ret=mysqli_query($con,"SELECT * FROM student WHERE register='".$_POST['register']."' and
password='".$_POST['password']."'");

$num=mysqli_fetch_array($ret);

if($num>0)

{

$extra="dashboard.php";//

$_SESSION['login']=$_POST['register'];

$_SESSION['id']=$num['id'];

$host=$_SERVER['HTTP_HOST'];

$uip=$_SERVER['REMOTE_ADDR'];

$status=1;

// For storing log if user login successful

```

```

$log=mysqli_query($con,"insert into userlog(uid,username,userip,status)
values('".$_SESSION['id']. "','".$_SESSION['login']. "','$uip','$status')");

$uri=rtrim(dirname($_SERVER['PHP_SELF']),'/\');

header("location:http://$host$uri/$extra");

exit();

}

else

{      // For stroing log if user login unsuccesfull

$_SESSION['login']=$_POST['register'];

$uip=$_SERVER['REMOTE_ADDR'];

$status=0;

mysqli_query($con,"insert into userlog(username,userip,status)
values('".$_SESSION['login']. "','$uip','$status')");

$_SESSION['errmsg']="Invalid username or password";

$extra="index.php";

$host = $_SERVER['HTTP_HOST'];

$uri = rtrim(dirname($_SERVER['PHP_SELF']),'/\');

header("location:http://$host$uri/$extra");

exit();

}

}

?>

```


## Output:


### 1) Student Login:

### DBMS | Student Login

Sign in to your account

Please enter your Register No. and Password to log in.

 register no.

 Password

[Forgot Password ?](#)

Login

Don't have an account yet? [Create an account](#)

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### 2) Student Request:

### DBMS LAB | Student Registration

Sign Up


Enter your details below:


Full Name


Register no.

Gender

☐ Female ☐ Male

 Email

 Password

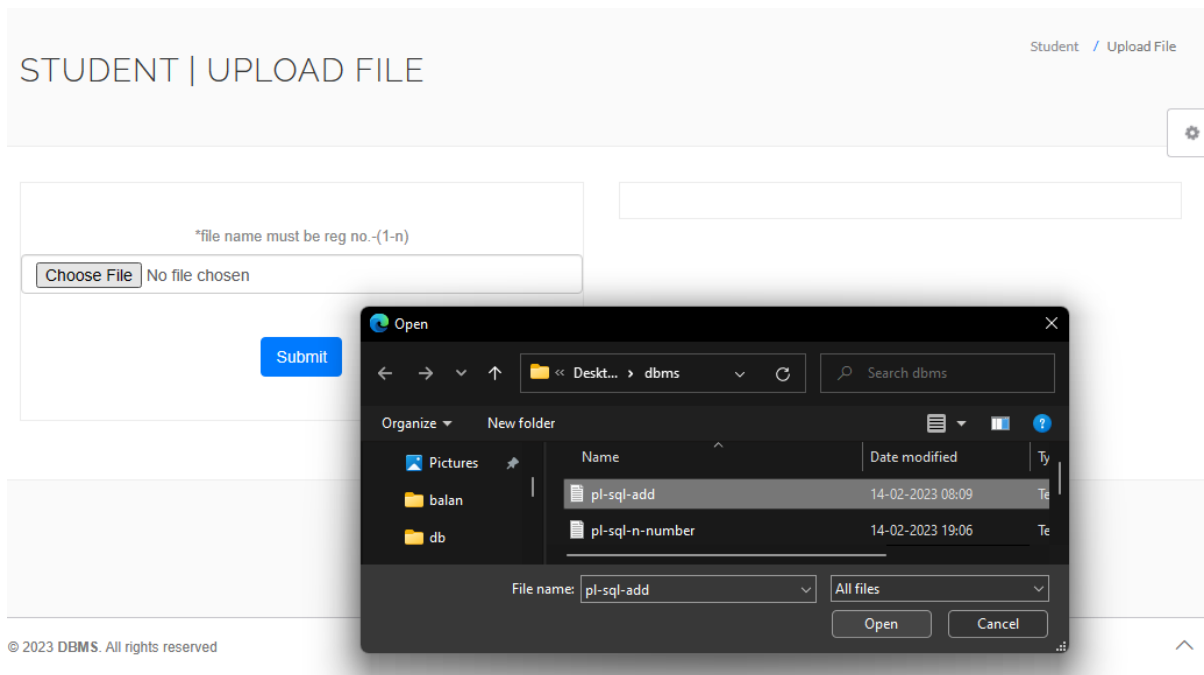
 Password Again

Already have an account? [Log-in](#)

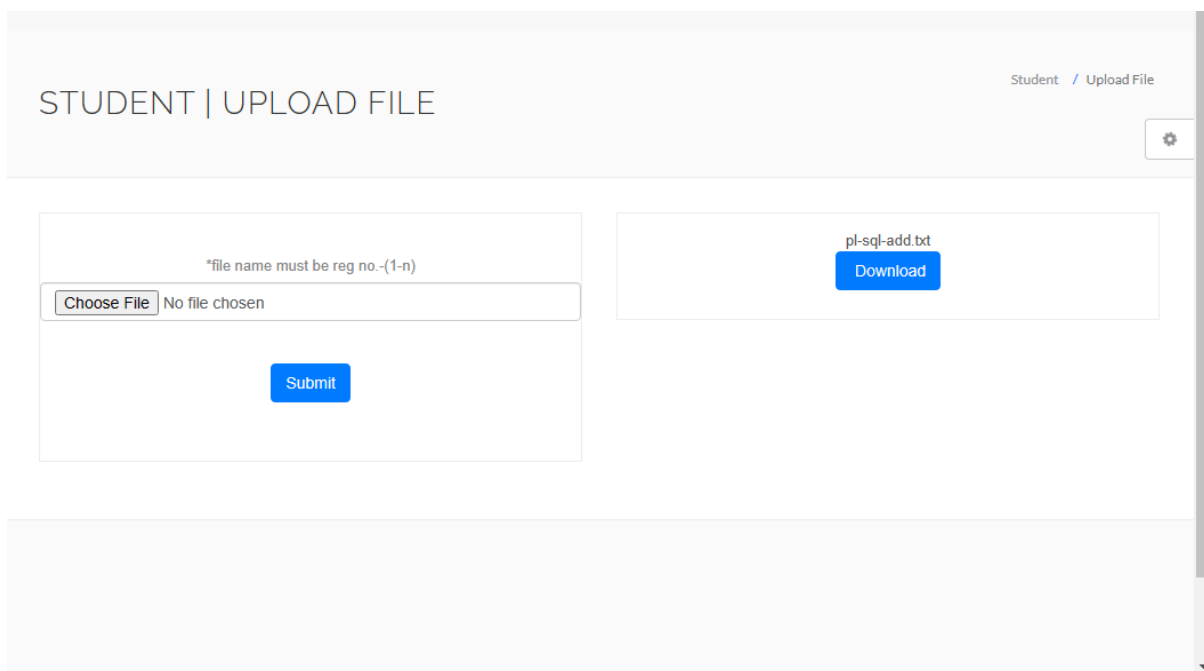
Submit

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### 3)Student file upload:



### 4)Student File view:



## 5)Admin Dashboard:

ADMIN | DASHBOARD

Admin / Dashboard

Manage Students  
Total Students :6

Manage Admin  
Total Admins :2

Student Files  
Total Files :6

New Request  
Total New Requests :03

## 6)Admin Manage(delete) Students:

ADMIN | MANAGE STUDENTS

Admin / Manage Students

Manage/Students

S.N	Full Name	Register No.	Email	Gender	Updation Date	Action
1.	shanmu	123	shanmu@gmail.com	female	2023-03-05	
2.	raju	123abc	aar@gmail.com	male	0000-00-00	
3.	Raju	123abcd		male	0000-00-00	
4.	123	qwe123	aart@gmail.com	female	2023-01-17	

7)Admin Add Student:

ADMIN | ADD STUDENT

Admin / Add Student

Sign Up

Enter your details below:

Full Name

Register no.

Gender

☐ Female

☐ Male

Email

Password

Password Again

Submit

8)Admin View Students Files:

ADMIN | STUDENTS FILES

Admin / Students

Manage/Students

S.N	Full Name	Register No.	Email	Action
1.	shanmu	123	shanmu@gmail.com	<div>view files</div>
2.	raju	123abc	aar@gmail.com	<div>view files</div>
3.	Raju	123abcd		<div>view files</div>
4.	123	qwe123	aart@gmail.com	<div>view files</div>