

mysql workbench

Table: Employee

Columns

empid int

name varchar(20)

address varchar(20)

CREATE TABLE employee(

empid int,

name varchar(20),

address varchar(50)

);

Insert Data

Approach1: Insert Data to All Columns

Syntax

INSERT INTO <table_name> values(value1,value2....valuen);

Example:

```
INSERT INTO employee values(1,'Raj','BBSR');
```

Approach2: Insert Data Specific Column

Syntax

```
INSERT INTO <table_name>(colname1,colname2,..) values(value1,value2...)
```

Example

```
INSERT INTO employee(empid,name) values(2,'Ram');
```

Insert Multiple Rows

Syntax:

```
INSERT INTO <table_name> values(value1,value2..),(value1,value2..),(valuen,valuen..);
```

Example

```
INSERT INTO employee values(3,'A','BBSR'),(4,'B','BBSR'),(5,'C','CTC');
```

How to Import Data

```
CREATE TABLE movie(  
    imdbid varchar(100),
```

```
title varchar(100),  
releaseYear varchar(100),  
releaseDate varchar(100),  
genre varchar(100),  
writers varchar(500),  
actors varchar(100),  
directors varchar(100),  
sequel varchar(100),  
hitFlop varchar(100)  
);
```

Update Records/ Rows

Syntax

```
UPDATE <table_name> SET col1=value,col2=value WHERE condition;
```

***SQL Workbench

```
SET SQL_SAFE_UPDATES=0;
```

Example#1

```
UPDATE employee SET address='Bhubaneswar'; [not recommended]
```

```
UPDATE employee SET address='Bhubaneswar' WHERE emplid=1;
```

UPDATE employee SET name='Rahul',address='Delhi' WHERE empid=1;

Delete Record

DELETE FROM <table_name> WHERE condition;

Example

DELETE FROM employee;

DELETE FROM employee where empid=1;

DELETE FROM employee where adress='BBSR';

SELECT Command

Appraoch1: (All Rows + All Columns)

Syntax

SELECT * FROM <table_name>;

SELECT colname1,colname2,colname3 FROM <table_name>;

Example

SELECT * FROM employee;

Appraoch2: (All Rows + Specific Column)

SELECT colname1 FROM <table_name>;

Example

SELECT address FROM employee;

SELECT name,address FROM employee;

Approach3: (Specific Rows + All Columns)

SELECT * FROM <table_name> WHERE conditionn;

Example:

SELECT * FROM employee where empid=1;

SELECT * FROM employee where address='BBSR';

Approach4: (Specific Rows + Specific Columns)

SELECT colname1, colname2 FROM <table_name> WHERE condtion;

Example

SELECT empid,name FROM employee where adress='BBSR';

SELECT * FROM employee;

SELECT empid,name,address FROM employee;

SELECT address FROM employee;

```
SELECT name,address FROM employee;
```

```
SELECT * FROM employee WHERE empid=1;
```

```
SELECT * FROM employee WHERE address='BBSR';
```

```
SELECT empid,name FROM employee WHERE address='BBSR';
```

CRUD

Create - Insert

Retrieve - Select

Update

Delete