**1. Database and Table Creation**

* **Created a database Stutable1:**
* **create database Stutable1;**
* **Switched to the Stutable1 database:**
* **use Stutable1;**
* **Created a table Stutable1 with fields:** 
  + **id (integer)**
  + **sname (varchar(20))**
  + **age (integer)**
  + **salary (integer)**
* **create table Stutable1(id int, sname varchar(20), age int, salary int);**

**2. Data Insertion into Stutable1**

* **Inserted multiple rows into the Stutable1 table:**
* **insert into Stutable1 values(101, 'Anjali Arya', 20, 4500);**
* **insert into Stutable1(id, sname, age, salary) values(103, 'Soni', 18, 400);**
* **Inserted partial data (null for missing fields):**
* **insert into Stutable1(sname, age) values('Vipin Kumar', 26);**

**3. Querying the Data**

* **Retrieved all records from Stutable1:**
* **select \* from Stutable1;**
* **Observed the table's data, including duplicates and NULL values.**

**4. Created Another Database and Table**

* **Database Table4 creation:**
* **create database Table4;**
* **use Table4;**
* **Table Table4 with fields:** 
  + **id (integer)**
* **name (varchar(20))**
* **create table Table4(id int, name varchar(20));**
* **Inserted rows into Table4:**
* **insert into Table4 values(12, 'Rashika');**
* **insert into Table4 values(13, 'Ravi Kumar');**

**5. Modified Table Structure**

* **Added a new column address to Table4:**
* **alter table Table4 add address varchar(20);**
* **Verified the updated table structure using:**
* **desc Table4;**

**6. Data Updates and Fixes in Table4**

* **Updated specific rows using UPDATE:**
* **UPDATE Table4 SET address = 'Delhi' WHERE id = 12;**
* **Changed names and other details:**
* **UPDATE Table4 SET name = 'Shreya Tiwari' WHERE address = 'Delhi';**

**7. Deleting Data**

* **Deleted rows matching specific conditions:**
* **delete from Table4 where name = 'Shreya Tiwari';**

**8. Dropped the Table**

* **Dropped the Table4 table:**
* **drop table Table4;**

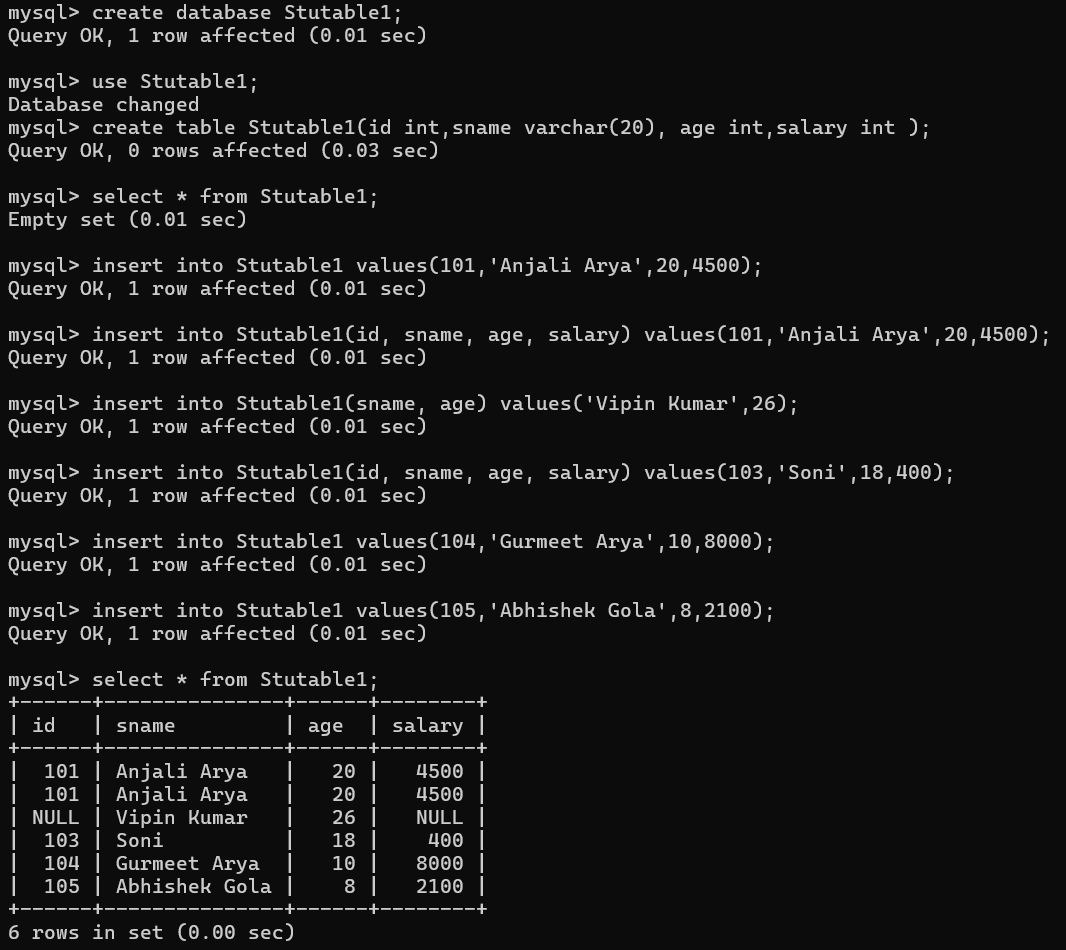
**9. Created a New Database and Table**

* **Database employee creation:**
* **create database employee;**
* **use employee;**
* **Table employee with fields:** 
  + **eid (integer)**
  + **ename (varchar(20))**
  + **workingperiod (integer)**
* **create table employee(eid int, ename varchar(20), workingperiod int);**
* **Inserted a record into employee:**
* **insert into employee values(101, 'Manpreet Singh', 8);**

**Key Points Observed**

1. **Created multiple databases (Stutable1, Table4, employee).**
2. **Performed data insertion with both complete and partial row values.**
3. **Modified table structures by adding new columns.**
4. **Used UPDATE to modify existing rows and DELETE to remove rows.**
5. **Dropped a table to clean up the database.**
6. **Encountered and resolved SQL syntax errors related to incorrect usage of INSERT.**

**Would you like me to elaborate further on any step or action?**

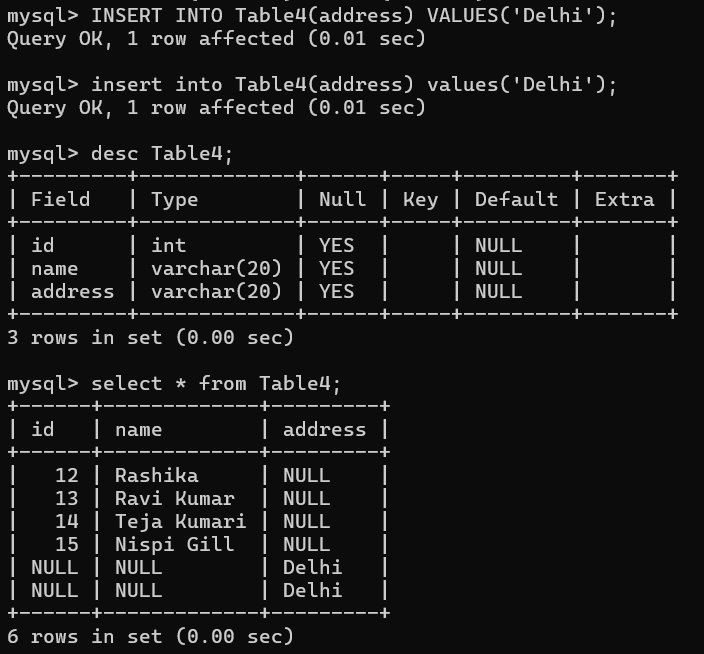


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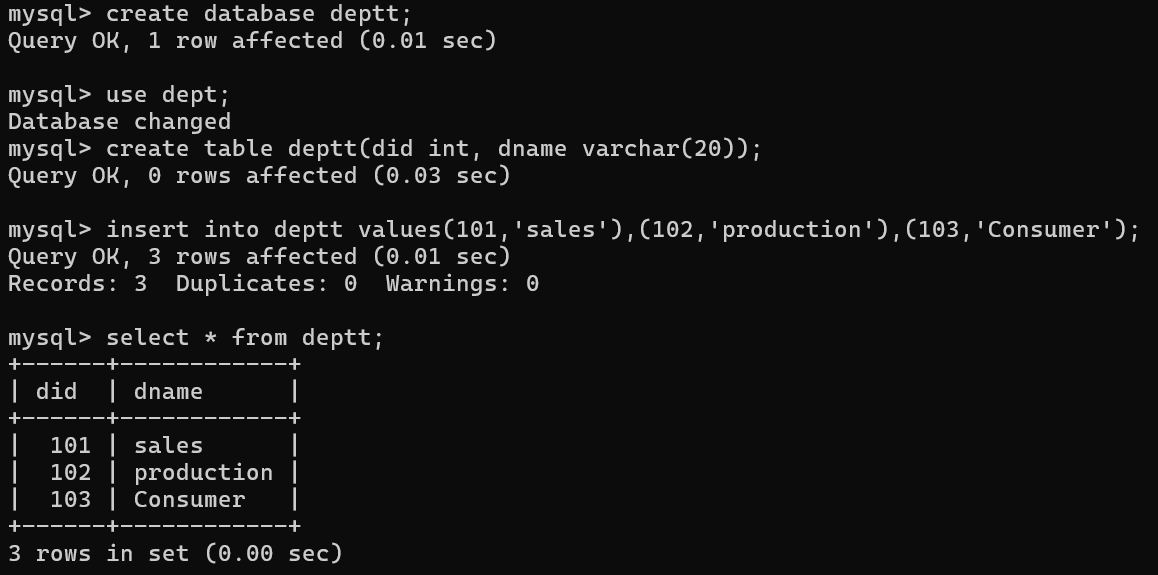
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