==============================Assignment2===========================

Submitted By TANUJA SHARMA

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Que1= Create a Database using SQL query.

Que2= Write a query to create any 5 tables with following criteria:

Each table should have minimum 7 columns with multiple data types (string, integer,

datetime, boolean, decimal etc)

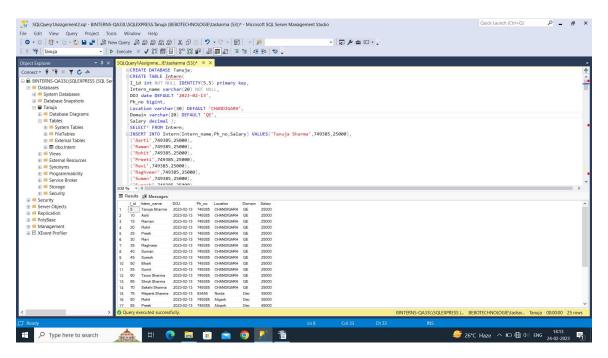 Each table should use at least 3 constraints.

 Each table should have minimum 25 records.

Create a parent-child relationship (2 tables involved)

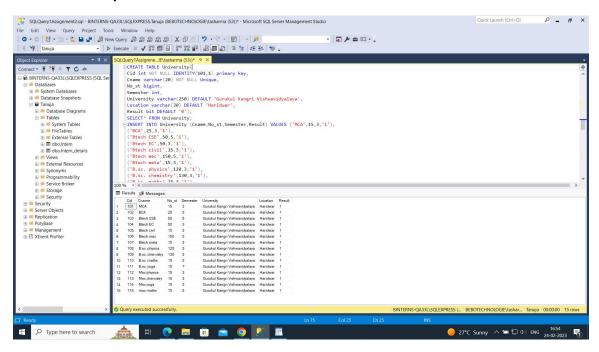Create a parent-child-subchild relationship (3 tables involved)

 Each table should have an Auto-incremental id.
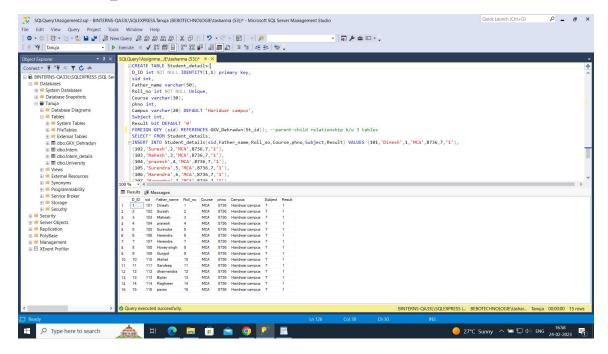
Solution= Table1 Intern

Table2 Intern_details

Table3 University
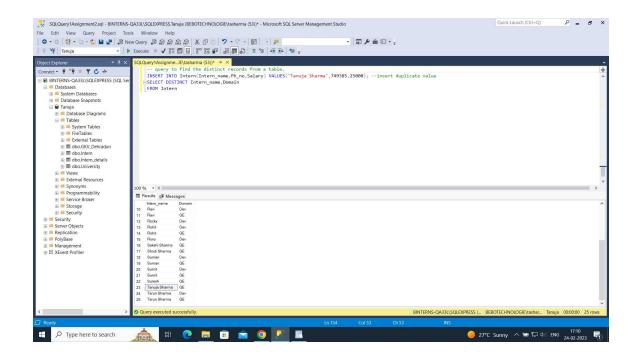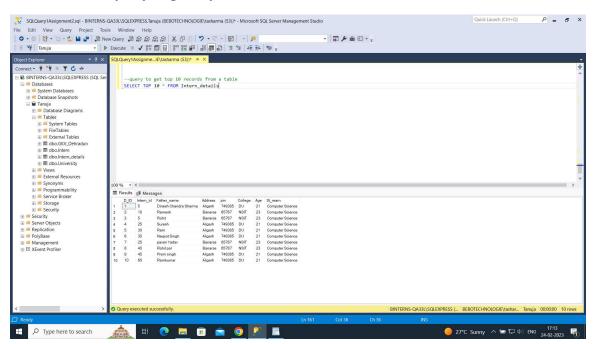

Table4 GKV_Dehradun

Table5 Student_details
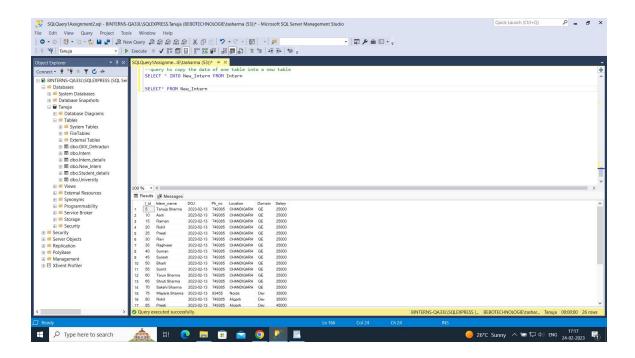

Que3= Write a query to find the distinct records from a table.

Que4= Write a query to get top 10 records from a table.

Que5= Write a query to copy the data of one table into a new table.

Que6= Write a query to modify a data type of integer column to a string data type.

Que7= Write example of Delete and Truncate using above tables.

===For Delete====

```
--example of Delete using above tables
DELETE New_Intern WHERE I_id=10

SELECT* FROM New_Intern
```



```
--example of Delete using above tables
DELETE New_Intern WHERE I_id=10

SELECT* FROM New_Intern
```

===For Truncate==

Que8= Write a query to update the rows for specific id's.

Que9= Write a query to insert a dummy row into a table and write a query to delete this row from table.

Que10= Write a query to insert a new column of data type string into a table.

Que11= Write a query to remove the above column for the table.

Que12= What is an alias? Why do we use an alias?

Ans12= Aliases are used to give a table, or a column in a table, a temporary name.

Aliases are often used to make column names more readable.

An alias only exists for the duration of that query.

An alias is created with the AS keyword.

Que13= Write a Select query by using alias on each column of a table.

File   Edit   View   Query   Project   Tools   Window   Help

New Query

Tanuja

Execute

SQLQuery1Assignme...IE\tasharma (53))*

```sql
--Select query by using alias on each column of a table
SELECT I_id AS New_InternID,
Intern_name AS New_Intern_name,
DOJ AS Intern_name_DOJ,
Ph_no AS Phone_number,
Location AS Headquarters,
Domain AS New_Intern_Domain,
Salary AS New_Intern_Salary
FROM Very_New_Intern
```

100 %

Results   Messages

	New_InternID	New_Intern_name	Intern_name_DOJ	Phone_number	Headquarters	New_Intern_Domain	New_Intern_Salary
1	5	Tanuja Sharma	2023-02-13	749385	CHANDIGARH	QE	25000
2	10	Aarti	2023-02-13	749385	CHANDIGARH	QE	25000
3	15	Raman	2023-02-13	749385	CHANDIGARH	QE	25000
4	20	Rohit	2023-02-13	749385	CHANDIGARH	QE	25000
5	25	Preeti	2023-02-13	749385	CHANDIGARH	QE	25000
6	30	Ravi	2023-02-13	749385	CHANDIGARH	QE	25000
7	35	Raghveer	2023-02-13	749385	CHANDIGARH	QE	25000
8	40	Suman	2023-02-13	749385	CHANDIGARH	QE	25000
9	45	Suresh	2023-02-13	749385	CHANDIGARH	QE	25000
10	50	Bharti	2023-02-13	749385	CHANDIGARH	QE	25000
11	55	Sumit	2023-02-13	749385	CHANDIGARH	QE	25000
12	60	Tarun Sharma	2023-02-13	749385	CHANDIGARH	QE	25000
13	65	Shruti Sharma	2023-02-13	749385	CHANDIGARH	QE	25000
14	70	Sakshi Sharma	2023-02-13	749385	CHANDIGARH	QE	25000
15	75	Mayank Sharma	2023-02-13	93455	Noida	Dev	35000
16	80	Rohit	2023-02-13	749385	Aligarh	Dev	35000
17	85	Preeti	2023-02-13	749385	Aligarh	Dev	45000

Query executed successfully.   BINTERNS-QA33L\SQLEXPRESS (...   BEBOTECHNOLOGIE\tashar...   Tanuja   00:00:00   26 rows

Ready   Ln 214   Col 1   Ch 1   INS