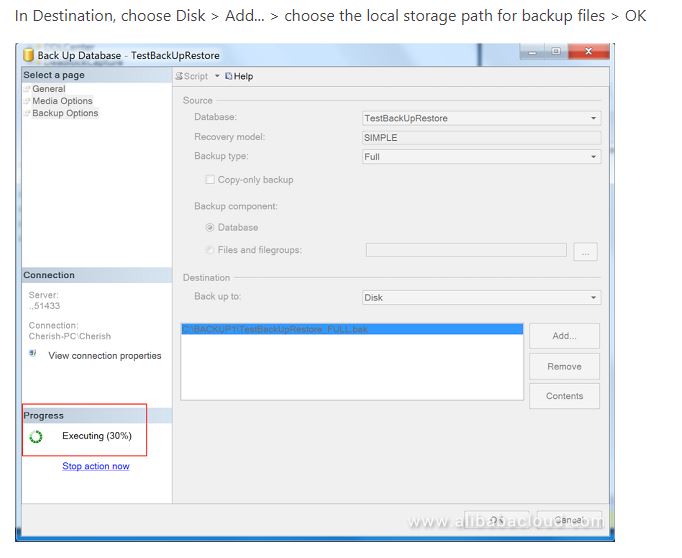
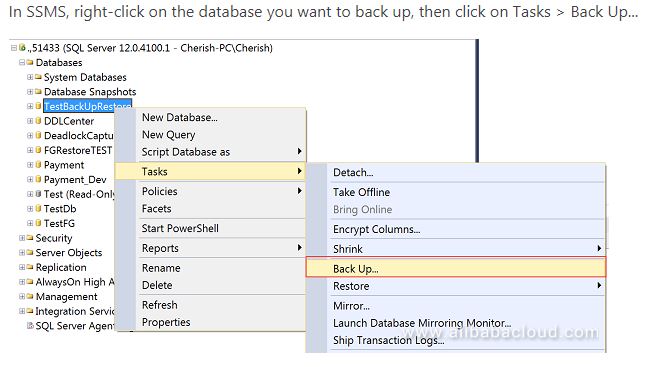
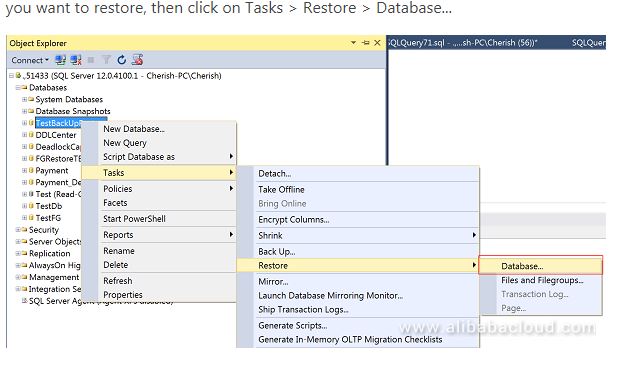
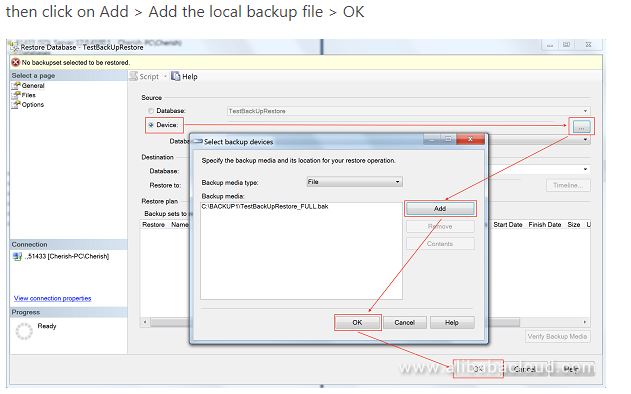
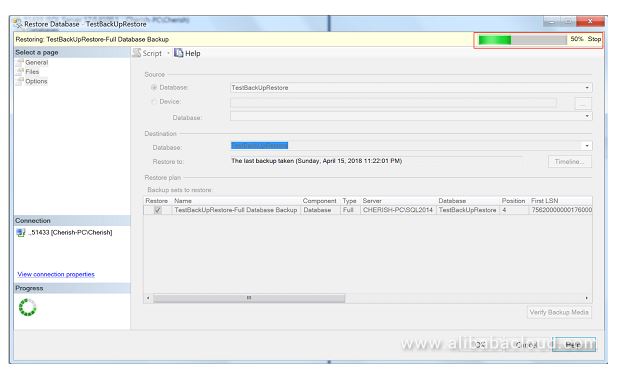
**SQL LAB-08**

**Database Backup using Cold Method:**

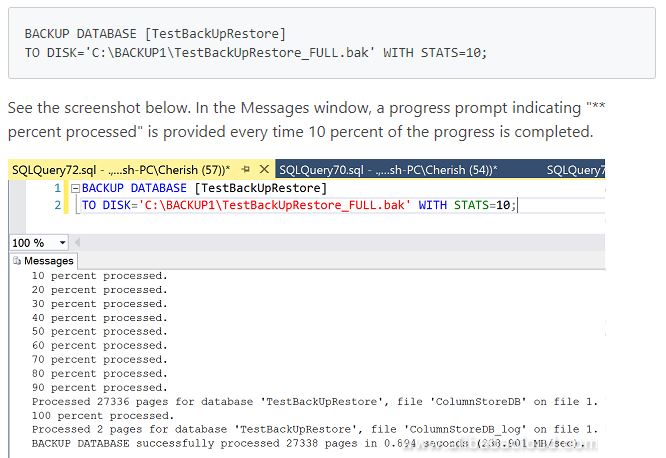


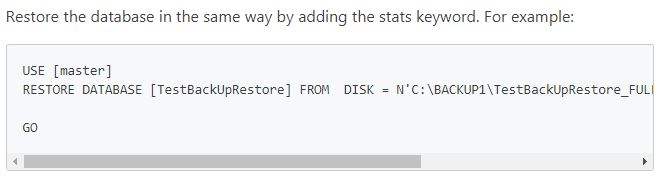






**Database Backup by Hot Method:**

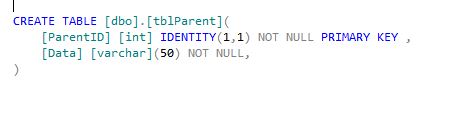
****

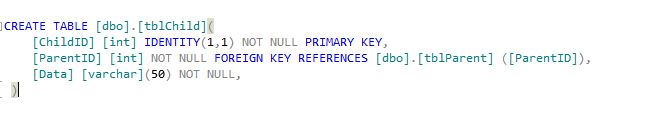
****

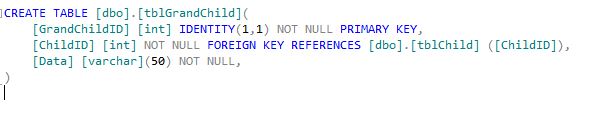
**SQL LAB-09**

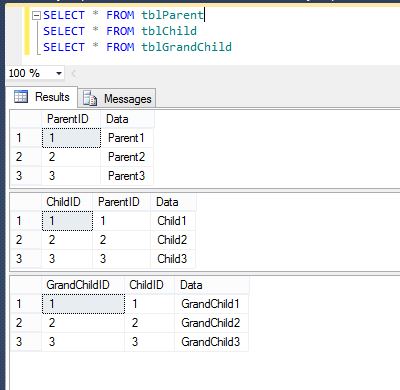
**1- Relational Schema**

**Parent:**

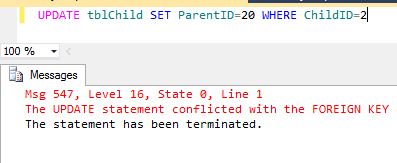
****

**Child:**

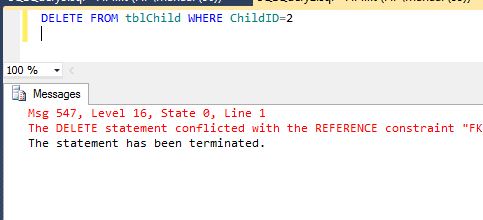
**Grand Child:**

****

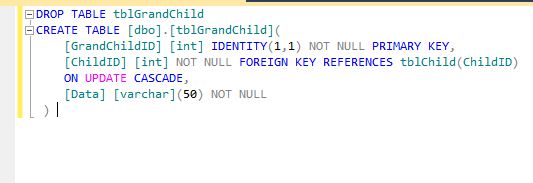
**Conflict on Update:**



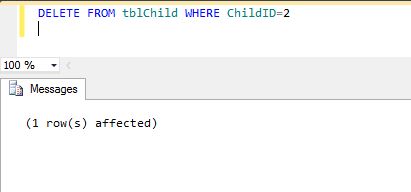
**Conflict on Delete:**



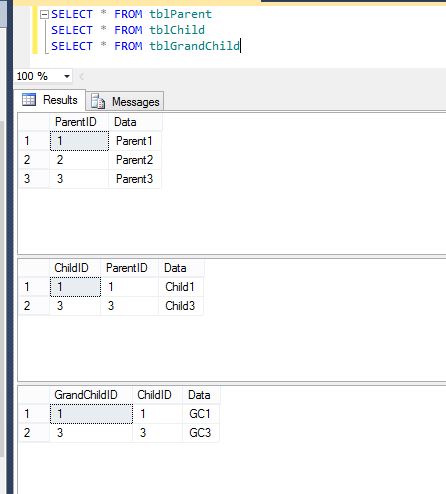
**Cascading On Update:**



**Allow Delete after implementing Cascading:**

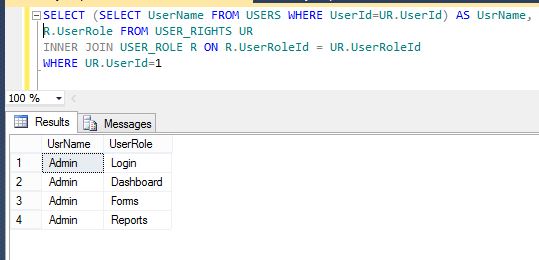


**Table Date Delete after Delete:**

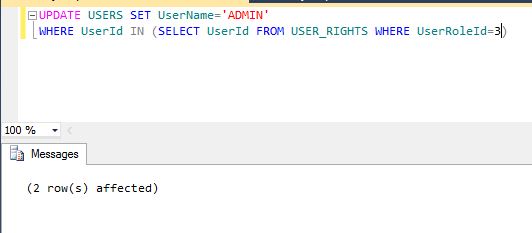


**SQL LAB-10**

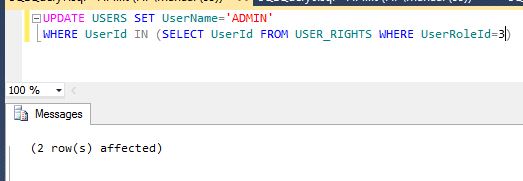
**Select using Sub-Query:**



**Update using Sub-Query:**



**Delete using Sub-Query:**



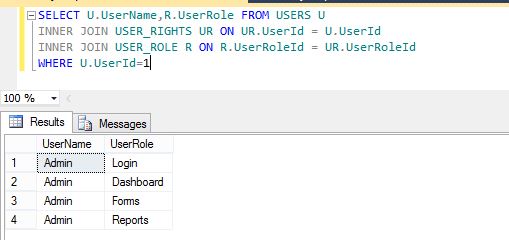
**SQL LAB-11**

**1- Lab Task: User Role Management**

**Create three tables**

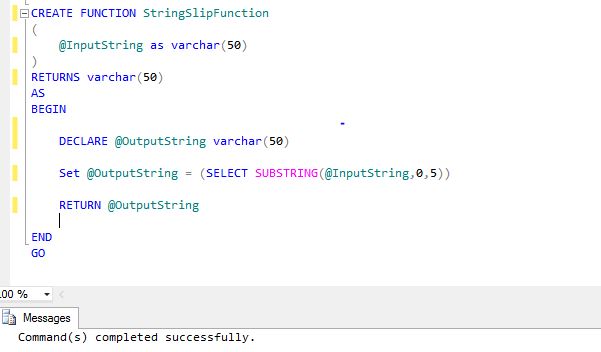
|  |  |
| --- | --- |
| **C:\Users\manaal\Desktop\SQL\LAB9\TABLES.JPG** | **C:\Users\manaal\Desktop\SQL\LAB9\DATA.JPG** |

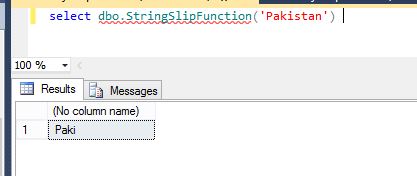
**Show User Rights through joining:**

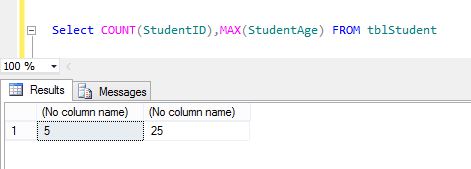
****

**SQL LAB-12**

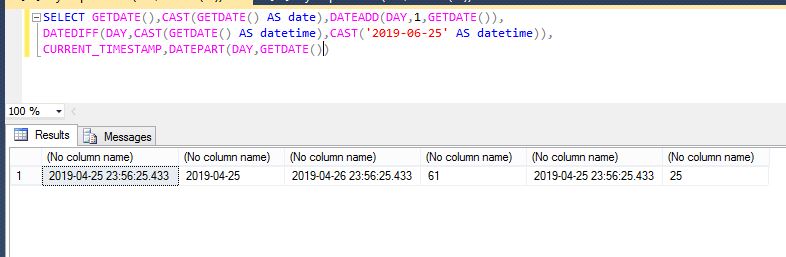
**1- Create User Define Function to Split a given string**

**Result:**

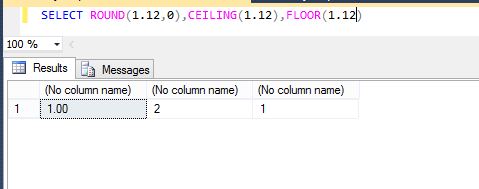


**2- SQL Aggregate Functions: COUNT, MAX**

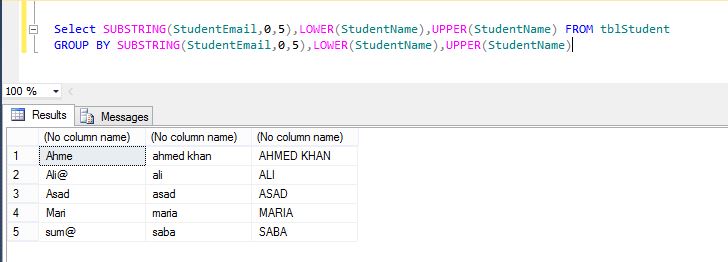
**3- SQL Date Functions: GETDATE, DATEADD, DATEDIFF, CURRENT\_TIME\_STAMP, DATEPART**

****

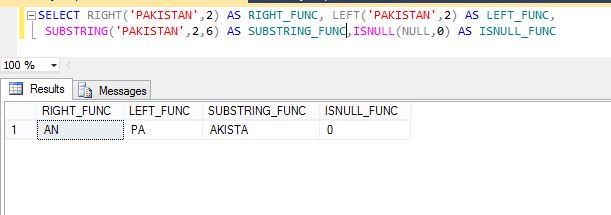
**4- SQL Math Functions: ROUND, CEILING, FLOOR**

****

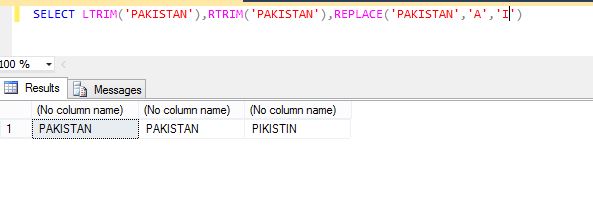
**5- SQL String Functions: SUBSTRING, LOWER, UPPER,**

****

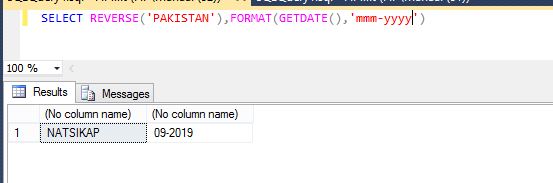
**RIGHT, LEFT, ISNULLL**

****

**LTRIM, RTRIM, REPLACE**

****

**REVERSE, FORMATE**

****