**TEMP TABLES:**

**Q1. CAN A DATABASE HAVE MORE THAN ONE TABLE WITH SAME NAME?**

YES.

EXAMPLE IN THE CLASS NOTES TODAY.

**Q2. WHERE DO YOU VERIFY THE LIST OF SCHEMAS IN THE DATABASE?**

FROM SSMS : CONNECT TO SQL SERVER > EXPAND SERVER > DATABASE > SECURITY

**Q3. WHERE DO YOU VERIFY THE DEFAULT SCHEMA?**

FROM SSMS : CONNECT TO SQL SERVER > EXPAND SERVER > TABLES > WE SEE THE TABLES AND THEIR SCHEMAS. FOR TABLES WITHOUT SCHEMA NAME SPECIFICATION, WE SEE "DBO"

**Q4. WHEN TO USE SCHEMAS IN REAL-WORLD?**

USED TO GROUP MUTLLTIPLE TABLES

USED FOR EASY DATA ANALYTICS @ POWER BI, AZURE DATA ENGINEERS

USED FOR EASY SECURITY MANAGEMENT @ DATABASE ADMINISTRATORS (DBAs).

**Q5. HOW TO VERIFY LIST OF SCHEMAS AND TABLES?**

FROM SSMS TOOL: EXPAND DATABASE > TABLES > WE SEE THE LSIT OF SCHEMAS & TABLES.

**Q6. ASSUME A DATABASE HAS TWO SCHEMAS WITH FEW TABLES IN EACH SCHEMA AS BELOW:**

**SCHEMA1** : TABLE1, TABLE2, TABLE3, TABLE4

**SCHEMA2** : TABLE1, TABLE2

YOU ARE ASKED TO MIGRATE TABLE2 FROM SCHEMA1 TO SCHEMA2?

CAN YOU DO IT DIRECTLY?

IF NOT WHAT IS THE ISSUE?

HOW TO RESOLVE. GIVE YOUR OPTIONS.

WE CANNNOT DO IT DIRECTLY.

REASON: TABLE2 ALREADY EXISTS IN SCHEMA2

SO:

DROP TABLE2 FROM SCHEMA2

THEN PERFORM MIGRATION.

**DROP TABLE SCHEMA2.TABLE2**

**ALTER SCHEMA SCHEMA2 TRANSFER SCHEMA1.TABLE2**

**TEMP TABLES:**

**Q1. WHAT IS THE USE OF TEMP TABLES?**

Temp Tables are used to store data on a temporary basis. Until end of the session.

**Q2. HOW TO COPY DATA FROM A LOCAL TEMP TABLES TO A GLOBAL TEMP TABLE?**

SELECT \* INTO <<global temp table>> FROM <<local temp table>>

Example: SELECT \* INTO #TABLE2 FROM #TABLE1

**Q3. HOW TO VERIFY THE TEMP TABLES?**

From SSMS Tool: Object Explorer > Temporary Tables > Expand

**Q4. HOW DO YOU VERIFY IF A GIVEN TABLE IS A TEMPORARY TABLE OR A PERMENANT TABLE?**

If the tablename has either # or ## prefix then it is a Temporary Table.

If not, it is a Permanent Table.

**Q5. HOW DO YOU VERIFY IF A GIVEN TABLE IS A LOCAL TEMPORARY TABLE OR A GLOBAL**  **TEMPORARY TABLE?**

If the tablename has # prefix then is a Local Temporary Table.

If the tablename has ## prefix then is a Global Temporary Table.