Quiz 6 – SQL Network Analysis Extension

Fill in the blanks of the following SQL queries. Both will use table River(source, dest).

1. **List all the tributaries of Nile.**

   ```sql
   SELECT ____________
   FROM River
   CONNECT BY ____________ = ____________
   START WITH ____________
   ```

2. **Build the transitive closure of the river table. The new table will be T(source, dest).**

   **Solution A:**
   WITH RECURSIVE T(source, dest)
   AS (SELECT ____________ FROM ________)
   UNION
   (SELECT River.source, T.dest
    FROM River, T
    WHERE _________________)

   **Solution B:**
   WITH RECURSIVE T(source, dest)
   AS (SELECT ____________ FROM ________)
   UNION
   (SELECT T.source, River.dest
    FROM River, T
    WHERE _________________)