1. What Foreach enumerator type is used in SSIS to loop through Excel worksheet names? Foreach ADO.NET Schema Rowset Enumerator
2. What is the difference between Table Catalogue, Table Schema, Table Name, and Table Type in the ADO schema row set? Catalogue – database name, scheme- column name and columns order, their name, data type, Table name if it is Excel, it means Excel sheet or table names in the database
3. Describe how to loop through all Excel files in a folder using the Foreach Loop.  
   we use two foreach loops. In the first one, we loop through file paths by defining a folder, then we get every file path of Excel files. After that, we use the second loop to read Excel sheets by using the Foreach ADO.NET Schema Rowset Enumerator. In the first one, we use a Foreach File Enumerator. In the second, we put our variable in an expression connection to make it dynamic. We take the variable of the second foreach loop to put in the connection string of the Excel connection manager to make the full process dynamic
4. How do you make the Excel Connection Manager dynamically change its path using an SSIS variable? In the connection string of the Excel Connection Manager, we use variables, In the second, we put our variable in an expression connection to make it dynamic. We take the variable of the second foreach loop to put in the connection string of the Excel connection manager to make the full process dynamic
5. How can you print the iteration value of a For Loop using a Script Task?

Messagebox.Show(dts.variable[“the variable of a For loop that stores the data it produces”].value.tostring()))

1. How do you use parameter mapping in an Execute SQL Task to insert variable values into a SQL table?

Sql statement = insert into table name values ?

Result set= none

Parameter mappings = variable that stores values like that-“(1,’name’,age)”

1. How do you dynamically assign an Excel sheet name to a variable during a loop?

In a loop, we have variable mappings, and in the Excel manager, we define data access mode as a variable, then this variable changes sheet names dynamically

1. How can you insert only even numbers from 5 to 50 into a SQL table using a For Loop in SSIS?

In the data flow task, we use the variable of the loop in the derived table to create a new column. If there is not the same column in the SQL table, we add an extra column by using the Alter function