Create schema ordemo;

**Control Table**

CREATE TABLE [ordemo].[control\_table]  
(

[source\_table] [varchar](50) NULL,

[dest\_table] [varchar](50) NULL,

[source\_path] [varchar](100) NULL,

[target\_path] [varchar](100) NULL,

[flow\_sequence] [varchar](1) NULL,

[run\_status] [varchar](1) NULL,

[qstring] [varchar](1000) NULL,

[watermark\_col] [nvarchar](20) NULL,

[watermark\_val] [varchar](50) NOT NULL,

[key\_column] [varchar](250) NOT NULL,

[source\_name] [varchar](20) NULL,

[load\_type] [varchar](20) NULL,

[start\_run] [varchar](10) NULL,

[source\_id] [varchar](20) NULL,

[Container] [varchar](40) NULL,

[Last\_updated\_date] [datetime2](7) NULL,

[partition\_flag] [char](1) NULL,

[his\_grp\_column] [varchar](36) NULL,

[watermark\_where\_cond] [varchar](500) NULL,

[trigger\_segment] [varchar](40) NULL,

[table\_created] [char](1) NULL

)  
WITH  
(  
DISTRIBUTION = ROUND\_ROBIN,  
HEAP  
)  
GO

**Loading History Table – wait for this**

CREATE TABLE [ordemo].[adls\_log\_hist]

(

    [tablename] [varchar](20)  NULL,

    [schema\_name] [varchar](30)  NULL,

    [folder\_path] [varchar](200)  NULL,

    [filename] [varchar](100)  NULL,

    [last\_modified\_date] [datetime]  NULL,

    [processed] [varchar](1)  NULL,

    [recordcount] [bigint]  NULL,

    [wm\_val] [varchar](50)  NULL,

    [processed\_date] [datetime]  NULL

)

WITH

(

    DISTRIBUTION = ROUND\_ROBIN,

    HEAP

)

GO

**Insert Current ADLS Log table**

CREATE PROC [ordemo].[sp\_Insert\_adls\_load\_hist] @tablename [varchar](20),@schemaname [varchar](30),@folderpath [varchar](200),@filename [varchar](100),@lastmodified [DATETIME],@processed [varchar](1),@recordcount [bigint],@wm\_val [varchar](30) AS

INSERT INTO ordemo.adls\_log\_hist

(tablename, schema\_name,folder\_path,filename,last\_modified\_date,processed,recordcount,wm\_val )

values

(@tablename,@schemaname,@folderpath,@filename,@lastmodified,@processed,@recordcount,@wm\_val)

**Update Current ADLS Log table**

CREATE PROC [ordemo].[sp\_update\_adls\_load\_hist] @tablename [varchar](64),@schemaname [varchar](32),@folderpath [varchar](200),@filename [varchar](100),@processed [varchar](1),@processed\_date [datetime] AS

UPDATE ordemo.adls\_log\_hist

SET processed = @processed ,

processed\_date = @processed\_date

WHERE tablename=@tablename AND schema\_name=@schemaname AND folder\_path=@folderpath AND filename=@filename;

**Update watermark value**

CREATE PROC [ordemo].[sp\_update\_wm\_val] @source\_name [VARCHAR](10),@source\_table [VARCHAR](20),@watermarkval [varchar](30),@last\_updt\_date [DATETIME2],@load\_type [varchar](20),@flow\_sequence [int] AS

UPDATE ordemo.control\_table

SET watermark\_val = @watermarkval,

last\_updated\_date =@last\_updt\_date

WHERE source\_name=@source\_name AND source\_table=@source\_table and load\_type = @load\_type and flow\_sequence = @flow\_sequence;

**Run status success or failure**

CREATE PROC [ordemo].[upd\_run\_status\_false] @t\_source\_table [varchar](100),@t\_sequence [varchar](1), @load\_type [varchar](20) AS

update ordemo.control\_table set run\_status = 'N' where

flow\_sequence = @t\_sequence and source\_table = @t\_source\_table and load\_type = @load\_type

GO

CREATE PROC [ordemo].[upd\_run\_status\_true] @t\_source\_table [varchar](100),@t\_sequence [varchar](1), @load\_type [varchar](20) AS

update ordemo.control\_table set run\_status = 'Y' where

flow\_sequence = @t\_sequence and source\_table = @t\_source\_table and load\_type = @load\_type

GO

**Update initial status of Run**

CREATE PROC [ordemo].[upd\_run\_status\_initial] @t\_sequence [varchar](1), @load\_type [varchar](20) AS

update ordemo.control\_table set run\_status = 'N' where

flow\_sequence = @t\_sequence and load\_type = @load\_type

GO

**Synapse Metadata with the following syntax**

CREATE TABLE [schema].[table]

(

)

WITH

(

DISTRIBUTION = HASH (id),

CLUSTERED INDEX

(

Id ASC

)

)

GO