**Assignments: Day 1**

**Assignment 1:** Create a SAP OData service to fetch the Leave quota details of an employee(s). Both the get entity set and get entity methods are to be implemented. The methods should be created by redefinition as demonstrated in the training.

Table: ZEMP\_LEAVE\_QUOTA

Class: ZCL\_CHAMP\_GW\_TRAINING

Class Methods: GET\_EMP\_QUOTADETAILS (Fetch quota details of employee)

GET\_QUOTA\_LIST (Fetch list of leave quota for all employees)

Steps:

1. Create OData service. (Naming convention : ZGW\_CHAMP\_Your Personnel Number)
2. Create entity for Leave Quota. Use table ZEMP\_LEAVE\_QUOTA for the same.
3. Create entity set.
4. Check and generate service.
5. Redefine GET ENTITYSET method and call method ZCL\_CHAMP\_GW\_TRAINING-> GET\_QUOTA\_LIST.
6. Redefine GET ENTITY method and call method ZCL\_CHAMP\_GW\_TRAINING-> GET\_EMP\_QUOTADETAILS

**Assignment 2:** Create a SAP OData service to fetch the Employee Leave history of an employee. Both the get entity set method is to be implemented. The methods should be created by redefinition as demonstrated in the training.

Table: ZEMP\_LEAVE

Class: ZCL\_CHAMP\_GW\_TRAINING

Class Methods: GET\_EMP\_LEAVE\_HISTORY (Fetch employee leave history)

Steps:

1. Create OData service. (Naming convention : ZGW\_EMP\_LEAVE\_Your Personnel Number)
2. Create entity for Leave. Use table ZEMP\_LEAVE for the same.
3. Create entity set.
4. Check and generate service.
5. Redefine GET ENTITYSET method and call method ZCL\_CHAMP\_GW\_TRAINING-> GET\_EMP\_LEAVE\_HISTORY. Use filter query option in service to pass employee personnel number and year.