

```
--CURSOR FOR SESSION TABLE--
```

```
DECLARE
CURSOR sessionCursor IS
SELECT SESSIONID ,
REQUESTID ,
TEMPID ,
SESSIONDATE ,
SESSIONSTART ,
SESSIONEND ,
STATUS ,
TYPE ,
COVERDESCRIPTION,
EMPLOYEECOVERED ,
DOPRINT FROM SESSION_ s, TEMPTYPEOF COVER tc
WHERE s.TYPE=tc.TYPEOF COVERID;
BEGIN
    FOR s_rec in sessionCursor
    LOOP
        if (s_rec.SESSIONSTART is not null and s_rec.SESSIONEND is not null) then
            insert into DW_SESSION_DIM values (s_rec.SESSIONID, s_rec.REQUESTID,s_rec.TEMPID, s_rec.
            SESSIONDATE, s_rec.SESSIONSTART,s_rec.SESSIONEND,s_rec.STATUS,
            s_rec.TYPE,s_rec.COVERDESCRIPTION,s_rec.EMPLOYEECOVERED,s_rec.DOPRINT);
        end if ;
    END LOOP;
END;
```

```
--CURSOR FOR TempRequest TABLE--
```

```
DECLARE
CURSOR tempRequestCursor IS
Select
TempRequestID,
BranchID,
Request_date,
Start_date ,
End_date ,
Monday_AM ,
Monday_PM ,
Tuesday_AM ,
Tuesday_PM ,
Wednesday_AM ,
Wednesday_PM ,
Thursday_AM ,
Thursday_PM ,
Friday_AM ,
Friday_PM ,
Saturday_AM ,
Request_Status,
Number_of_weeks,
Comments
FROM TEMPREQUEST temp;
BEGIN
    FOR t_rec IN tempRequestCursor
    LOOP
```

```
    if (t_rec.TempRequestID is not null) then
insert into DW_TEMPREQUEST_DIM values(
t_rec.TempRequestID,
t_rec.BranchID,
t_rec.Request_date,
t_rec.Start_date ,
t_rec.End_date ,
t_rec.Monday_AM ,
t_rec.Monday_PM ,
t_rec.Tuesday_AM ,
t_rec.Tuesday_PM ,
t_rec.Wednesday_AM ,
t_rec.Wednesday_PM ,
t_rec.Thursday_AM ,
t_rec.Thursday_PM ,
t_rec.Friday_AM ,
t_rec.Friday_AM ,
t_rec.Saturday_AM ,
t_rec.Request_Status,
t_rec.Number_of_weeks,
t_rec.Comments);
END IF ;
END LOOP;
END;
```

```
--CURSOR FOR BRANCH--
```

```
DECLARE
CURSOR branch IS
SELECT
BRANCHID,
BRANCHNAME,
ADDRESS_LINE_1,
ADDRESS_LINE_2,
TOWN,
COUNTY,
POSTCODE,
LOCALITY,
TELEPHONE#,
FAX#,
BYPASS#,
APPROXIMATE_LIST_SIZE,
TYPE_OF_COMPUTER_SYSTEM,
COMPUTER_USED_IN_CONSULTATIONS,
APPOINTMENT_SYSTEM,
LEAFLETS,
DATE_OF_LAST_UPDATE,
TYPE_OF_BRANCH FROM BANKBRANCH;
BEGIN
    FOR session_branch in branch
    LOOP
        if (session_branch.BRANCHID is not null) then
insert into DW_BANKBRANCH_DIM values (session_branch.BRANCHID, session_branch.BRANCHNAME,
session_branch.ADDRESS_LINE_1, session_branch.ADDRESS_LINE_2, session_branch.TOWN,
session_branch.COUNTY,session_branch.POSTCODE,
```

```
session_branch.LOCALITY,session_branch.TELEPHONE#, session_branch.FAX#, session_branch.
BYPASS#, session_branch.APPROXIMATE_LIST_SIZE, session_branch.TYPE_OF_COMPUTER_SYSTEM,
session_branch.COMPUTER_USED_IN_CONSULTATIONS, session_branch.APPOINTMENT_SYSTEM,
session_branch.LEAFLETS, session_branch.DATE_OF_LAST_UPDATE, session_branch.TYPE_OF_BRANCH
);
end if ;

END LOOP;

END;

--CURSOR FOR FACT AND TIME_TABLE--
DECLARE
date_id number:=0;
CURSOR tempRequestCursor IS
SELECT ses.sessionid sessionid, bank.branchid branchid, temp.temprequestid temprequestid, ses
.SESSIONDATE sessiondate
FROM SESSION_ ses,BANKBRANCH bank ,TEMPREQUEST temp
WHERE temp.BRANCHID=bank.BRANCHID
AND ses.REQUESTID=temp.TEMPREQUESTID ;
BEGIN
FOR fact_rec in tempRequestCursor
LOOP
date_id := date_id+1;
--inserting to TIME_TABLE
insert into DW_TIME_DIM values(
date_id, fact_rec.SESSIONDATE,
EXTRACT(YEAR FROM fact_rec.SESSIONDATE),
EXTRACT(MONTH FROM fact_rec.SESSIONDATE),
EXTRACT(DAY FROM fact_rec.SESSIONDATE),
to_char(to_date(fact_rec.SESSIONDATE),'w') );
insert into DW_BRANCH_TEMP_FACT (branchid,temprequestid,sessionid,date_id,session_date )
values(fact_rec.branchid , fact_rec.temprequestid ,fact_rec.sessionid ,date_id,fact_rec.
SESSIONDATE);
END LOOP;

END;
```