

```
***** CREATE TABLE
*****
```

```
create table N_rollcall(rollno int, Name varchar(20), Att_date date,
attendance varchar(20));
```

```
insert into N_rollcall values(101, 'A', '09/08/2018', 'Present');
```

```
insert into N_rollcall values(102, 'B', '09/08/2018', 'Present');
```

```
insert into N_rollcall values(103, 'C', '09/08/2018', 'Absent');
```

```
insert into N_rollcall values(101, 'A', '09/09/2018', 'Present');
```

```
insert into N_rollcall values(102, 'B', '09/09/2018', 'Absent');
```

```
insert into N_rollcall values(103, 'C', '09/09/2018', 'Present');
```

```
select * from N_rollcall;
```

```
***** IMPLICIT CURSOR
*****
```

```
BEGIN
```

```
UPDATE N_ROLLCALL SET ATTENDANCE='Absent' WHERE NAME='A';
```

```
    IF SQL%FOUND THEN
```

```
        dbms_output.put_line('Updated - If Found');
```

```
    END IF;
```

```
    IF SQL%NOTFOUND THEN
```

```
        dbms_output.put_line('NOT Updated - If NOT Found');
```

```
    END IF;
```

```
    IF SQL%ROWCOUNT>0 THEN
```

```
        dbms_output.put_line(SQL%ROWCOUNT||' Rows Updated');
```

```
    ELSE
```

```
        dbms_output.put_line('NO Rows Updated Found');
```

```
    END IF;
```

```
END;
```

```
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```

```
select * from N_rollcall;
```

```
***** EXPLICIT CURSOR
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```

```
DECLARE
```

```
    CURSOR EXPLICIT_CUR is select ROLLNO,NAME, ATT_DATE from N_ROLLCALL
```

```
where ATTENDANCE='Absent';
```

```
    tmp EXPLICIT_CUR %rowtype;
```

```
BEGIN
```

```
    dbms_output.put_line('HI THIS IS TEST');
```

```
    OPEN EXPLICIT_CUR;
```

```

        Loop exit when EXPLICIT_CUR%NOTFOUND;
        FETCH EXPLICIT_CUR into tmp;
        dbms_output.put_line('ROLL NO : ' || tmp.ROLLNO || ' NAME : ' ||
tmp.NAME || ' DATE : ' || tmp.ATT_DATE);
        END Loop;
        IF EXPLICIT_CUR%ROWCOUNT>0 THEN
            dbms_output.put_line(SQL%ROWCOUNT||' ROWS FOUND');
        ELSE
            dbms_output.put_line('NO ROWS FOUND');
        END IF;
        CLOSE EXPLICIT_CUR;
    END;
/

```

```

select * from N_rollcall;

```

```

*****      FOR LOOP CURSOR
*****888888

```

```

DECLARE
    cursor FOR_CUR is select ROLLNO,NAME,ATT_DATE from N_ROLLCALL where
ATTENDANCE='Absent';
    tmp FOR_CUR %rowtype;
    BEGIN
        FOR tmp IN FOR_CUR
        LOOP
            dbms_output.put_line('ROLL NO : ' || tmp.ROLLNO || ' || 'NAME : ' ||
tmp.NAME || ' || 'DATE : ' || tmp.ATT_DATE);
        END Loop;
    END;
/

```

```

select * from N_rollcall;

```

```

*****      MERGE
*****
create table O_rollcall(rollno int, name varchar(20), Att_date date,
Attendance varchar(20));

```

```

insert into O_rollcall values(101, 'A', '09/08/2018', 'Present');

```

```

insert into O_rollcall values(102, 'B', '09/08/2018', 'Present');

```

```

insert into O_rollcall values(107, 'G', '09/08/2018', 'Present');

```

```

drop table O_rollcall

```

```

BEGIN
    MERGE INTO N_ROLLCALL T1 USING (SELECT ROLLNO, NAME, ATT_DATE,
ATTENDANCE FROM O_ROLLCALL)T2 ON (T1.ROLLNO = T2.ROLLNO) WHEN NOT MATCHED
THEN INSERT VALUES (T2.ROLLNO,T2.NAME,T2.ATT_DATE,T2.ATTENDANCE);
    IF SQL%FOUND THEN
        dbms_output.put_line('MERGED');
    END IF;
END;

```

```
END IF;
IF SQL%NOTFOUND THEN
dbms_output.put_line('NOT MERGED');
END IF;
IF SQL%ROWCOUNT>0 THEN
dbms_output.put_line(SQL%ROWCOUNT||' Rows Updated');
ELSE
dbms_output.put_line('NO Rows Updated Found');
END IF;
END;
/
```

```
select * from N_rollcall;
```