

Exercise 10

Triggers

Write a PL/SQL Program using BEFORE and AFTER Triggers – with operations like insert/update/delete which will run on Sundays and all weekdays between 17 pm to 9 am (the following day).

Objective: the objective of this program is to maintain the trigger (BEFORE & AFTER) in given time using insert/update/delete operations.

Program:

```
create trigger trig1
before insert or update or delete on employee
for each row
declare
ctime number:=to_char(sysdate,'hh24');
cday varchar2(10):=to_char(sysdate,'day');
begin
if ctime<9 or ctime>17 then
raise_application_error(-20002,'cannot access data');
end if;
if cday='sunday' or cday='SUNDAY' then
raise_application_error(-20002,'cannot access data');
end if;
end;
```

Expected Output:

Insert into employee (emp_name, emp_number) values ('gopi','1008');

1 row created.