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DAY 16

```
PRN : 200243020003
```

Triggers

```
create
    OR REPLACE PROCEDURE check_salary (jid copy_emp.job_id % TYPE, sal
number) AS mn
        number;
mx number;
sal_exp
EXCEPTION;
BEGIN
    SELECT
        min_sal,
        max_sal INTO
mn,
mx
FROM
    jobs
WHERE
    job_id = jid;
IF sal NOT BETWEEN mn AND MX THEN
    raise sal_exp;
END IF;
EXCEPTION
WHEN sal_exp THEN
    DBMS_OUTPUT.PUT_LINE ('salary not in valid range');
```

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```
END;

/ CREATE OR REPLACE TRIGGER check_salary_trg BEFORE INSERT
    OR UPDATE ON copy_emp FOR EACH ROW
BEGIN
    check_salary (:new.job_id, :new.salary);
END;

/
BEGIN
    INSERT INTO copy_emp
    values(& eid, '&fname', '&lname', '&email', '&phno', '&hdate',
'&job', & sal, & comm, & mid, & did);
END;

/
```

2. You are asked to prevent employees from being deleted during business hours. Write a statement trigger called DELETE_EMP_TRG on the employees_copy table to prevent rows from being deleted during weekday business hours, which are from 9:00 a.m. to 6:00 p.m. And day MON to FRI". Now, try deleting employee 205 from employees_copy table.

```
CREATE OR REPLACE TRIGGER delete_emp_trg BEFORE DELETE ON copy_emp
BEGIN

IF to_char(sysdate, 'DY')

NOT IN('SAT', 'SUN') AND to_number(to_char(sysdate, 'HH24'))
BETWEEN 09 AND 18 THEN

raise_application_error (- 20202,

'cannot perform delete operation b/w 9am to 6pm');
END IF;
END;

/
```