

**DATABASE MANAGEMENT SYSTEMS AND CLOUD
INTEGRATION SERVICES - 18CSC109J**

B.Tech CSE (Cloud Computing)

Student Portfolio



Name : Dhruv Deshmukh

Reg No : RA2111028010125

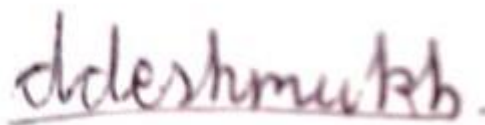
Year : 2nd Year

Section : P1

Course Teacher : Dr. B. Balakiruthiga

List of Assignments:

- SQL Query formulation
- ER Diagram
- Normalization of Database
- PLSQL Programs



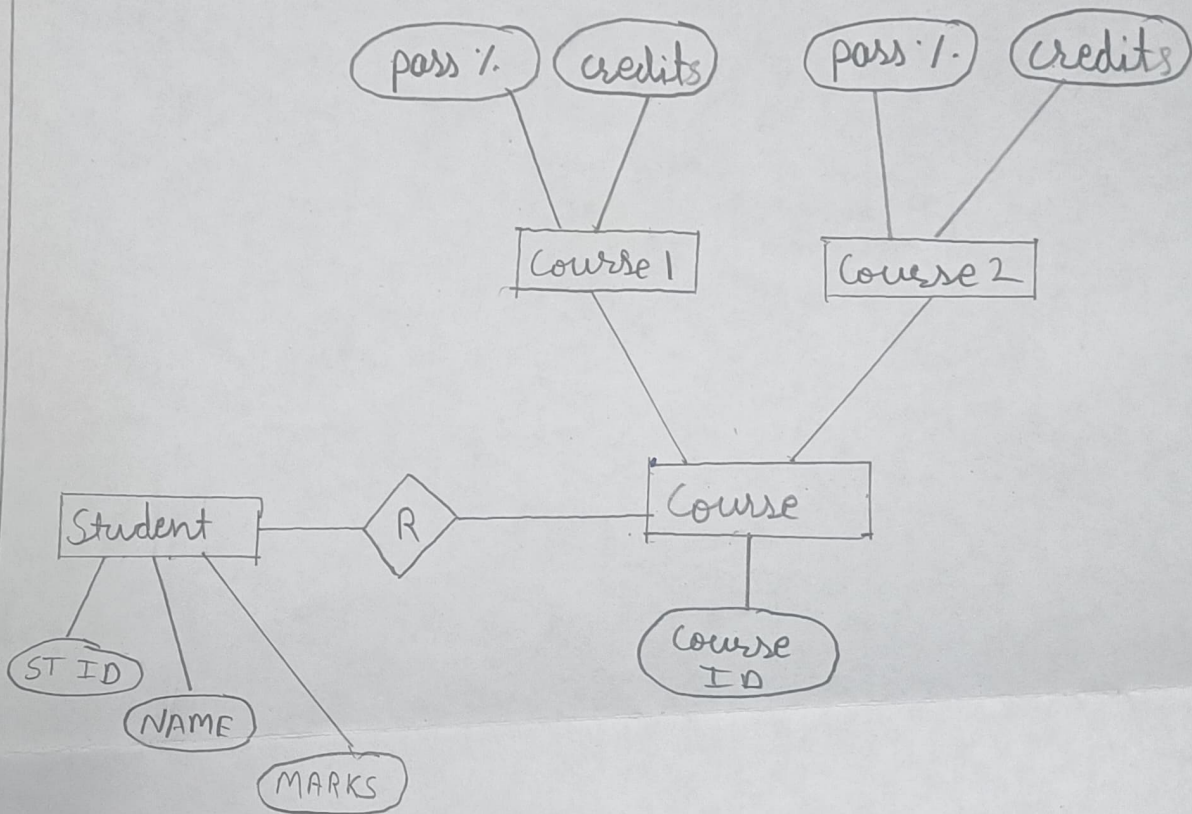
Signature of the student

Name - ~~Dhruv~~ Dhruv Deshmukh

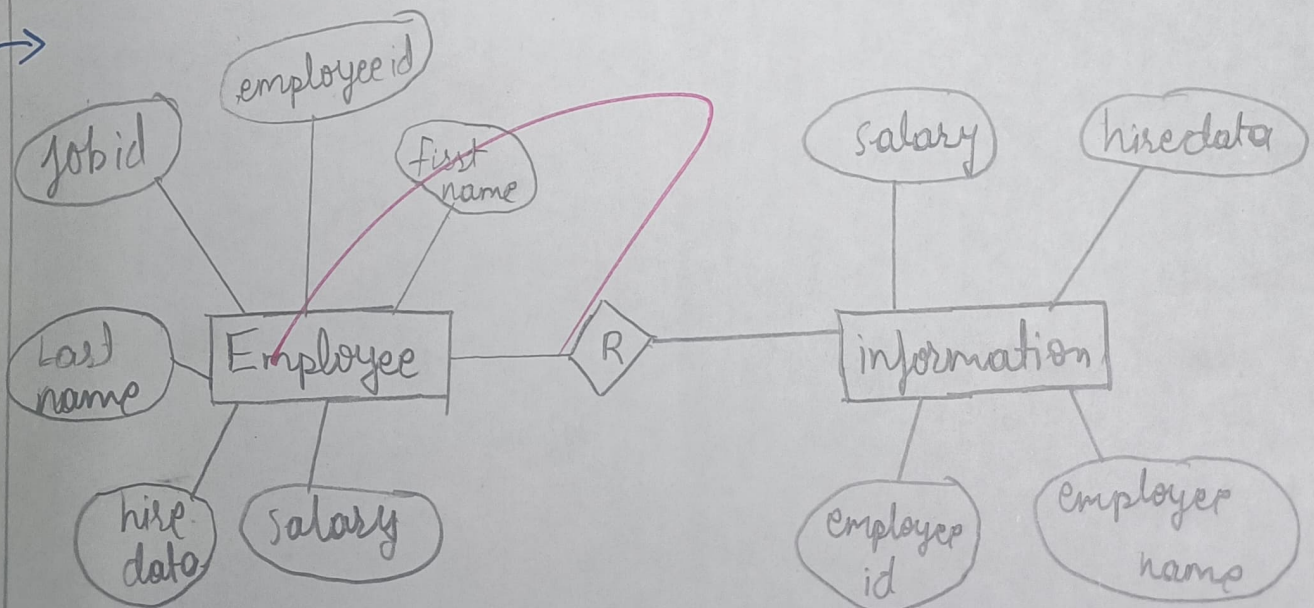
Reg. no - RA2111028010125

22/02/23

Q1 → Student Marks DB



Q2 →



Name:- Dhruv Deshmukh
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Section:- PI

16/03/23

DBMS Assignment.

Ans 1)

```
CREATE OR REPLACE  
PROCEDURE get_hire(  
    p-job IN  
    employees.job%TYPE  
    p-department-id%TYPE  
    p-hiredate OUT  
    employees.hire-date%TYPE  
) AS  
BEGIN  
    SELECT hire-date INTO  
    p-hiredate  
    FROM employees  
    WHERE job = p-job  
    AND department-id = p-department;  
END;
```

Ans 2) ~~CREATE OR REPLACE~~
~~PROCEDURE~~ count-emp
loyes-by-dept (dept-id NUMBER)
IS
 emp-count NUMBER;
BEGIN
 SELECT COUNT (*) INTO emp-count
 FROM employees
 WHERE department-id = dept-id;
 DBMS-Output.PUT_Line('The total number of employees in

department '11 dept-id 11' is: '11 emp-count);
END;

Ans3)

DECLARE

CURSOR emp-cur IS

SELECT employee-id,

employee-location FROM employees;

emp-rec

emp-cur % ROWTYPE;

BEGIN

OPEN emp-cur;

LOOP

FETCH emp-cur INTO

emp-rec;

EXIT WHEN

emp-cur % NOT FOUND;

-- ~~update employees~~

IF emp-rec.employee-id = 100 THEN

UPDATE employee SET employee-location =

'New York' WHERE CURRENT OF emp-cur;

END IF;

END LOOP;

CLOSE emp-cur;

END;