



- i. Using Scheme diagram, Create tables by properly specifying the primary keys and the foreign keys.
- ii. Enter greater than five tuples for each table.
- iii. Retrieve the employee numbers of all employees who work on project located in Bengaluru, Hyderabad, or Mysuru
- iv. Get Employee ID's of those employees who didn't receive incentives
- v. Write a SQL query to find the employees name, number, dept, job\_role, department location and project location who are working for a project location same as his/her department location.

### 1. Dept1

deptno	dname	dloc
10	HR	Bengaluru
20	Finance	Hyderabad
30	IT	Mysuru
40	Sales	Chennai
50	Marketing	Delhi
60	Admin	Pune
NULL	NULL	NULL

### 2. Employee

empno	ename	mgrno	hiredate	sal	deptno
101	Aarav	201	2020-03-12	55000.00	10
102	Bhavya	202	2019-06-23	60000.00	20
103	Chirag	203	2021-01-10	48000.00	30
104	Diya	204	2021-11-05	75000.00	40
105	Esha	205	2022-07-15	50000.00	10
106	Farhan	206	2017-05-25	90000.00	30
107	Gauri	207	2019-09-01	68000.00	50
108	Harsh	208	2020-08-14	72000.00	60
NULL	NULL	NULL	NULL	NULL	NULL

### 3. Project1

pno	ploc	pname
501	Payroll System	Bengaluru
502	Banking App	Hyderabad
503	Inventory	Mysuru
504	Sales Tracker	Chennai
505	AD Campaign	Delhi
506	ERP System	Pune
NULL	NULL	NULL

### 4. Assigned\_to

empno	pno	job_role
101	501	Developer
102	502	Analyst
103	503	Tester
104	504	Manager
105	505	Support
106	506	Team Lead
107	501	Designer
108	506	Admin
NULL	NULL	NULL

### 5. Incentives

incentive_date	empno	incentive_amount
2023-01-15	101	3000.00
2023-02-10	102	4000.00
2023-03-05	104	2500.00
2023-04-01	106	5000.00
2023-05-20	107	3500.00
NULL	NULL	NULL

### Queries

iii. Retrieve employee numbers of all employees who work on projects located in Bengaluru, Hyderabad, or Mysuru

empno
101
107
102
103

**iv. Get Employee IDs of those employees who didn't receive incentives**

empno
105
103
108
HULL

**v. Find employees whose department location and project location are the same**

employee_name	employee_number	department_name	job_role	department_location	project_location
Aarav	101	HR	Developer	Bengaluru	Bengaluru
Bhavya	102	Finance	Analyst	Hyderabad	Hyderabad
Chirag	103	IT	Tester	Mysuru	Mysuru
Diya	104	Sales	Manager	Chennai	Chennai
Harsh	108	Admin	Admin	Pune	Pune