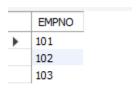
EMPLOYEE

```
create database tejas;
use tejas;
CREATE TABLE DEPT (
  DEPTNO INT PRIMARY KEY,
 DNAME VARCHAR(50),
 DLOC VARCHAR(50)
);
CREATE TABLE EMPLOYEE (
  EMPNO INT PRIMARY KEY,
  ENAME VARCHAR(50),
  MGR_NO INT,
 HIREDATE DATE,
 SAL DECIMAL(10,2),
  DEPTNO INT,
 FOREIGN KEY (DEPTNO) REFERENCES DEPT(DEPTNO)
);
CREATE TABLE PROJECT (
  PNO INT PRIMARY KEY,
 PNAME VARCHAR(50),
 PLOC VARCHAR(50)
);
CREATE TABLE ASSIGNED_TO (
  EMPNO INT,
 PNO INT,
 JOB_ROLE VARCHAR(50),
  PRIMARY KEY (EMPNO, PNO),
```

```
FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO),
  FOREIGN KEY (PNO) REFERENCES PROJECT(PNO)
);
CREATE TABLE INCENTIVES (
  EMPNO INT,
  INCENTIVE_DATE DATE,
  INCENTIVE_AMOUNT DECIMAL(10,2),
  FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO)
);
INSERT INTO DEPT VALUES
(10, 'HR', 'Bengaluru'),
(20, 'Finance', 'Hyderabad'),
(30, 'IT', 'Mysuru'),
(40, 'Marketing', 'Chennai'),
(50, 'R&D', 'Delhi');
INSERT INTO EMPLOYEE VALUES
(101, 'Tejas', NULL, '2020-02-15', 55000, 10),
(102, 'Riya', 101, '2019-03-21', 60000, 20),
(103, 'Amit', 101, '2021-07-10', 50000, 30),
(104, 'Sneha', 102, '2022-05-17', 48000, 40),
(105, 'Raj', 103, '2018-01-10', 75000, 50);
INSERT INTO PROJECT VALUES
(1001, 'Payroll System', 'Bengaluru'),
(1002, 'ERP Upgrade', 'Hyderabad'),
(1003, 'Cloud Migration', 'Mysuru'),
(1004, 'Marketing Portal', 'Chennai'),
(1005, 'Al Research', 'Delhi');
INSERT INTO ASSIGNED_TO VALUES
(101, 1001, 'Manager'),
```

```
(102, 1002, 'Analyst'),
(103, 1003, 'Developer'),
(104, 1004, 'Designer'),
(105, 1005, 'Scientist');
INSERT INTO INCENTIVES VALUES
(101, '2023-03-15', 5000),
(103, '2023-04-20', 7000),
(105, '2023-02-25', 8000);
SELECT DISTINCT A.EMPNO
FROM ASSIGNED_TO A
JOIN PROJECT P ON A.PNO = P.PNO
WHERE P.PLOC IN ('Bengaluru', 'Hyderabad', 'Mysuru');
```

OUTPUT:



SELECT E.EMPNO

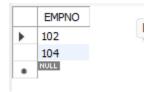
FROM EMPLOYEE E

WHERE E.EMPNO NOT IN (

SELECT I.EMPNO FROM INCENTIVES I

);

OUTPUT:



SELECT

E.ENAME,

E.EMPNO,

D.DNAME AS DEPARTMENT,

A.JOB_ROLE,

D.DLOC AS DEPT_LOCATION,

P.PLOC AS PROJECT_LOCATION

FROM EMPLOYEE E

JOIN DEPT D ON E.DEPTNO = D.DEPTNO

JOIN ASSIGNED_TO A ON E.EMPNO = A.EMPNO

JOIN PROJECT P ON A.PNO = P.PNO

WHERE D.DLOC = P.PLOC;

OUTPUT:

	ENAME	EMPNO	DEPARTMENT	JOB_ROLE	DEPT_LOCATION	PROJECT_LOCATION
•	Tejas	101	HR	Manager	Bengaluru	Bengaluru
	Riya	102	Finance	Analyst	Hyderabad	Hyderabad
	Amit	103	Π	Developer	Mysuru	Mysuru
	Sneha	104	Marketing	Designer	Chennai	Chennai
	Raj	105	R&D	Scientist	Delhi	Delhi