TABELE CREATIONS

3

L 2

1

7

3

L

2

ī

```
-- create database company2;
use company2;
-- CREATE TABLE Dept (
-- DEPTNO INT PRIMARY KEY,
-- DNAME VARCHAR(100),
-- DLOC VARCHAR(100)
-- );
-- CREATE TABLE Employee (
-- EMPNO INT PRIMARY KEY,
-- ENAME VARCHAR(100),
-- MGR_NO INT,
-- HIREDATE DATE,
-- SAL DECIMAL(10, 2),
-- DEPTNO INT,
    FOREIGN KEY (DEPTNO) REFERENCES Dept(DEPTNO)
-- );
-- CREATE TABLE Incentives (
-- EMPNO INT,
-- INCENTIVE_DATE DATE,
-- INCENTIVE_AMOUNT DECIMAL(10, 2),
   PRIMARY KEY (EMPNO, INCENTIVE_DATE),
   FOREIGN KEY (EMPNO) REFERENCES Employee(EMPNO)
-- );
 -- CREATE TABLE Project (
 -- PNO INT PRIMARY KEY,
 -- PLOC VARCHAR(100),
  -- PNAME VARCHAR(100)
  -- );
   -- CREATE TABLE Assigned_To (
  -- EMPNO INT,
   -- PNO INT,
   -- JOB_ROLE VARCHAR(100),
   -- PRIMARY KEY (EMPNO, PNO),
   -- FOREIGN KEY (EMPNO) REFERENCES Employee(EMPNO),
       FOREIGN KEY (PNO) REFERENCES Project(PNO)
  -- );
```

Values insertion

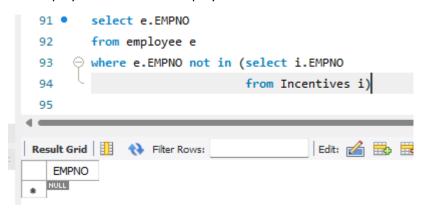
```
-- INSERT INTO Dept (DEPTNO, DNAME, DLOC) VALUES
-- (1, 'Computer Science', 'Bangalore'),
-- (2, 'Mechanical Engineering', 'Hyderabad'),
-- (3, 'Electrical Engineering', 'Chennai'),
-- (4, 'Civil Engineering', 'Mumbai'),
-- (5, 'Biotechnology', 'Pune');
-- INSERT INTO Employee (EMPNO, ENAME, MGR_NO, HIREDATE, SAL, DEPTNO) VALUES
-- (1001, 'John Doe', 2001, '2020-01-15', 55000, 1),
-- (1002, 'Jane Smith', 2002, '2021-03-22', 60000, 2),
-- (1003, 'Tom Brown', 2001, '2019-07-11', 58000, 3),
-- (1004, 'Lucy White', 2003, '2022-11-25', 62000, 4),
-- (1005, 'Mark Green', 2004, '2023-05-30', 65000, 5);
-- INSERT INTO Incentives (EMPNO, INCENTIVE_DATE, INCENTIVE_AMOUNT) VALUES
-- (1001, '2023-12-15', 3000),
-- (1002, '2024-01-20', 3500),
-- (1003, '2023-11-10', 3200),
-- (1004, '2023-10-05', 4000),
-- (1005, '2024-02-18', 4500);
    -- INSERT INTO Project (PNO, PLOC, PNAME) VALUES
    -- (101, 'Bangalore', 'AI Research'),
    -- (102, 'Hyderabad', 'Blockchain Project'),
    -- (103, 'Chennai', 'Cloud Computing'),
    -- (104, 'Mumbai', 'Quantum Computing'),
    -- (105, 'Pune', 'Autonomous Vehicles');
    -- INSERT INTO Assigned_To (EMPNO, PNO, JOB_ROLE) VALUES
    -- (1001, 101, 'Lead Developer'),
    -- (1002, 102, 'Project Manager'),
    -- (1003, 103, 'Software Engineer'),
    -- (1004, 104, 'Research Scientist'),
    -- (1005, 105, 'System Architect');
```

QUERIES

Retrieve the employee numbers of all employees who work on project located in Bengaluru, Hyderabad, or Mysuru

```
00
 86 •
        select a.EMPNO
 87
        from Assigned_To a
        join Project p ON p.PNO=a.PNO
 88
        where PLOC in ("Bangalore", "Mysuru", "Hyderabad");
 89
 90
        -- select e.EMPNO
 91
        -- from employee e
 92
                                     Export: Wrap Cell Co
EMPNO
   1001
   1002
```

Get Employee ID's of those employees who didn't receive incentives



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.

