-- INIT database

CREATE TABLE emp\_super (

emp\_superID INTEGER PRIMARY KEY AUTOINCREMENT,

person TEXT,

supervisor TEXT

);

INSERT INTO emp\_super(person, supervisor) VALUES ('Bob','Alice');

INSERT INTO emp\_super(person, supervisor) VALUES ('Mary','Susan');

INSERT INTO emp\_super(person, supervisor) VALUES ('Alice','David');

INSERT INTO emp\_super(person, supervisor) VALUES ('David', 'Mary');

-- QUERY database

--SELECT \* FROM emp\_super;

SELECT supervisor FROM emp\_super WHERE person = 'Bob';

--question 2

SELECT T.supervisor FROM emp\_super T, emp\_super S

WHERE T.person = S.supervisor AND S.person = 'Bob';

--QUESTION 2

SELECT DISTINCT V.supervisor FROM emp\_super T, emp\_super S, emp\_super U, emp\_super V

WHERE V.person = U. supervisor

OR U.person = T.supervisor

OR T.person = S.supervisor

OR S.person ='Bob';

|  |
| --- |
| **supervisor** |
| Alice |

|  |
| --- |
| **supervisor** |
| David |

|  |
| --- |
| **supervisor** |
| Alice |
| Susan |
| David |
| Mary |