CREATE TYPE EMPLOYEEINFO AS (employee\_code varchar, employee\_name varchar,date\_of\_birth date,age numeric);

CREATE OR REPLACE FUNCTION getEmployeeInfo(employee\_id uuid) RETURNS SETOF employeeinfo

AS $$

WITH RECURSIVE subordinates AS(

SELECT \*

FROM employee

WHERE reported\_to = employee\_id

UNION ALL

SELECT e.\*

FROM employee e

JOIN subordinates s

ON e.reported\_to = s.emp\_id

)

SELECT emp\_code,employee\_name,date\_of\_birth,age

FROM subordinates;

$$

LANGUAGE SQL;

CREATE OR REPLACE FUNCTION getEmployeesuuid(employee\_id uuid) RETURNS SETOF uuid

AS $$

WITH RECURSIVE subordinates AS(

SELECT \*

FROM employee

WHERE reported\_to = employee\_id

UNION ALL

SELECT e.\*

FROM employee e

JOIN subordinates s

ON e.reported\_to = s.emp\_id

)

SELECT emp\_id

FROM subordinates;

$$

LANGUAGE SQL;