1. select concat (first\_name,last\_name) as full\_name from employee;
2. select LOWER(first\_name), LOWER (last\_name) from employee;
3. select emp\_id, first\_name, SUBSTRING (first\_name, 1, 3) from employee;
4. UPDATE employee set email ='@org.com';
5. select Length (concat (first\_name, last\_name)) from employee;
6. SELECT

emp\_id,

CASE

WHEN first\_name IN ('Alice', 'Carol', 'Eve', 'Grace', 'Ivy') THEN CONCAT('Ms. ', first\_name, ' ', last\_name)

ELSE CONCAT('Mr. ', first\_name, ' ', last\_name)

END AS full\_name\_with\_prefix,

email

FROM employee;

1. select UPPER(project\_name) from projects;
2. select replace (project\_name, '-', '') from projects;
3. select UPPER(project\_name) from projects;
4. select replace (project\_name, '-', '') from projects;
6. select Length (email) from employee;
7. select UPPER (CONCAT(FIRST\_NAME, LAST\_NAME)) FROM EMPLOYEE;
9. company\_db=# select round(salary,0) as rounded\_salary from employee;

rounded\_salary

----------------

4500

5200

6700

3800

4000

6000

4900

3100

2700

3600

1. company\_db=# select \* from employee where MOD (round(salary, 0), 2) = 0;

emp\_id | first\_name | last\_name | email | hire\_date | salary | depart\_id

--------+------------+-----------+----------+------------+---------+-----------

101 | Alice | Johnson | @org.com | 2015-03-15 | 4500.00 | 1

102 | Bob | Smith | @org.com | 2018-06-23 | 5200.00 | 3

103 | Carol | Adams | @org.com | 2012-09-10 | 6700.00 | 2

104 | David | Lee | @org.com | 2020-01-05 | 3800.00 | 4

105 | Eve | Martins | @org.com | 2019-12-11 | 4000.00 | 3

106 | Frank | Green | @org.com | 2017-07-08 | 6000.00 | 8

107 | Grace | Brown | @org.com | 2014-11-02 | 4900.00 | 5

108 | Hank | Wilson | @org.com | 2013-02-17 | 3100.00 | 6

109 | Ivy | Clark | @org.com | 2021-08-30 | 2700.00 | 9

110 | Jake | White | @org.com | 2022-05-19 | 3600.00 |

3. company\_db=# select round (salary \* power(1.1, 1), 2) from employee;

round

---------

4950.00

5720.00

7370.00

4180.00

4400.00

6600.00

5390.00

3410.00

2970.00

3960.00

(10 rows)

1. company\_db=# select floor ( RANDOM() \* 9000 + 1000) from employee;

floor

-------

8736

4662

2507

8306

2171

2796

4076

9139

6289

8285

(10 rows)

1. company\_db=# select ceil(salary/10), floor(salary/10) from employee;

ceil | floor

------+-------

450 | 450

520 | 520

670 | 670

380 | 380

400 | 400

600 | 600

490 | 490

310 | 310

270 | 270

360 | 360

(10 rows)

3. company\_db=# select length (cast(floor (salary) as char)) as digit\_count from employee;

digit\_count

-------------

1

1

1

1

1

1

1

1

1

1

(10 rows)

1. company\_db=# select current\_date as today\_date from employee;

today\_date

------------

2025-08-03

2025-08-03

2025-08-03

2025-08-03

2025-08-03

2025-08-03

2025-08-03

2025-08-03

2025-08-03

2025-08-03

(10 rows)

1. company\_db=# select now() as current\_datetime from employee;

current\_datetime

-------------------------------

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

2025-08-03 23:16:35.079811+02

1. ows)

company\_db=# select \* from employee where hire\_date <'2020-01-01';

emp\_id | first\_name | last\_name | email | hire\_date | salary | depart\_id

--------+------------+-----------+----------+------------+---------+-----------

101 | Alice | Johnson | @org.com | 2015-03-15 | 4500.00 | 1

102 | Bob | Smith | @org.com | 2018-06-23 | 5200.00 | 3

103 | Carol | Adams | @org.com | 2012-09-10 | 6700.00 | 2

105 | Eve | Martins | @org.com | 2019-12-11 | 4000.00 | 3

106 | Frank | Green | @org.com | 2017-07-08 | 6000.00 | 8

107 | Grace | Brown | @org.com | 2014-11-02 | 4900.00 | 5

108 | Hank | Wilson | @org.com | 2013-02-17 | 3100.00 | 6

(7 rows))