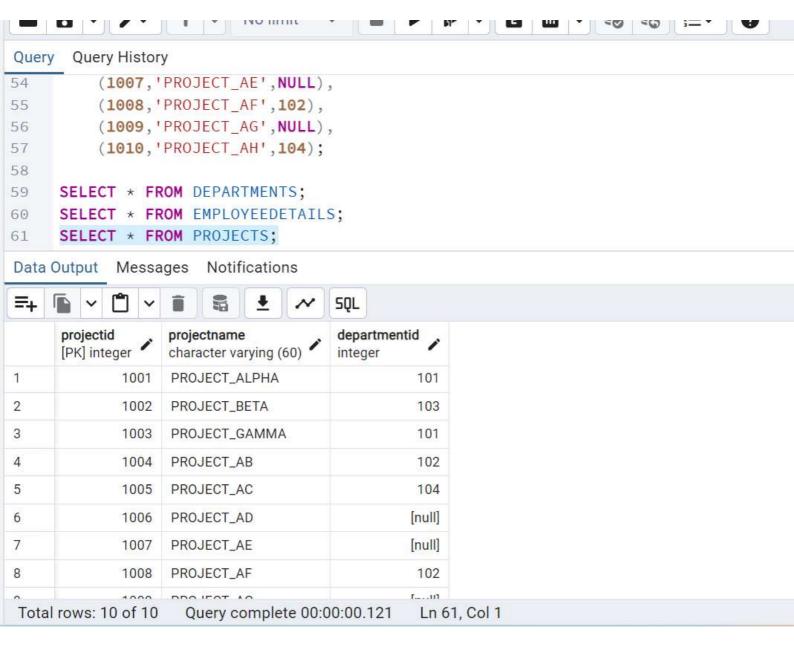


```
44
      SELECT * FROM DEPARTMENTS;
45
      SELECT * FROM EMPLOYEEDETAILS;
46
Data Output Messages
                        Notifications
=+
                                         SQL
      departmentid
                    departmentname
                    character varying (30)
      [PK] integer
                    IT
1
               101
2
               102
                    MARKETING
3
               103
                    SALES
4
               104
                    HR
```

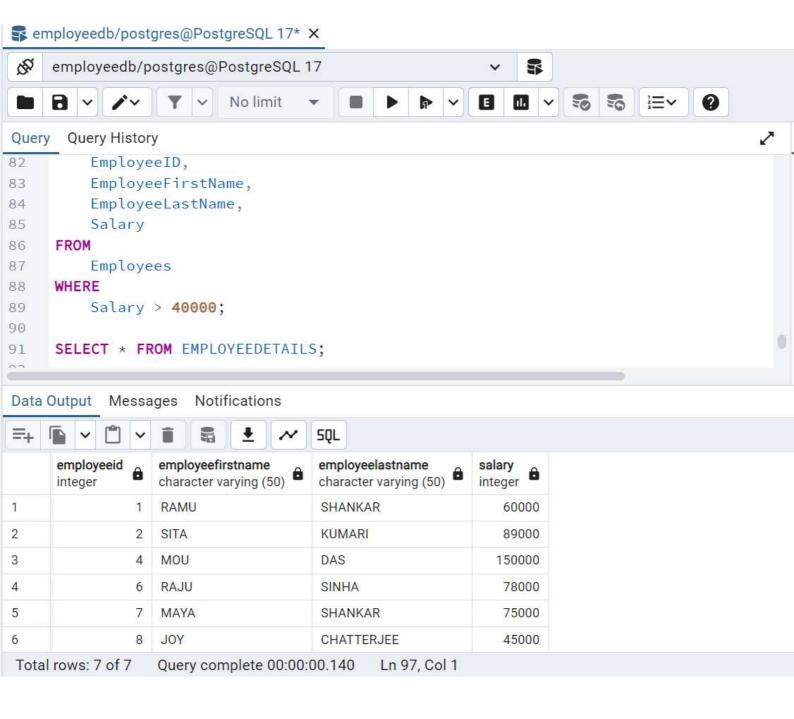


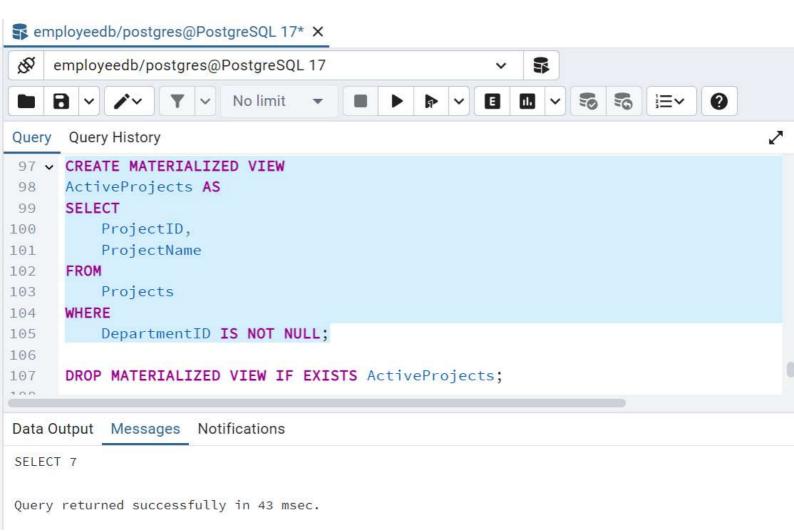
```
65 ~ /*
     Create a view named EmployeeDetails that displays the following columns from the
67 - CREATE VIEW
         EmployeeDetails AS
68
     SELECT
69
         EmployeeID,
70
         EmployeeFirstName,
71
         EmployeeLastName,
72
         Salary
73
     FROM
74
75
         Employees;
```

CREATE VIEW

```
77 v /*
      Filtering Data in a View */
78
79 - CREATE OR REPLACE VIEW
         EmployeeDetails AS
80
     SELECT
81
         EmployeeID,
82
         EmployeeFirstName,
83
         EmployeeLastName,
84
         Salary
85
     FROM
86
         Employees
87
     WHERE
88
         Salary > 40000;
89
90
```

CREATE VIEW





```
Creating an Index */
CREATE INDEX idx_Department ON Employees (DepartmentID);

112
```

CREATE INDEX

Query returned successfully in 54 msec.

```
113 v /*

Refreshing a Materialized View */

REFRESH MATERIALIZED VIEW ActiveProjects;

116

117
```

REFRESH MATERIALIZED VIEW

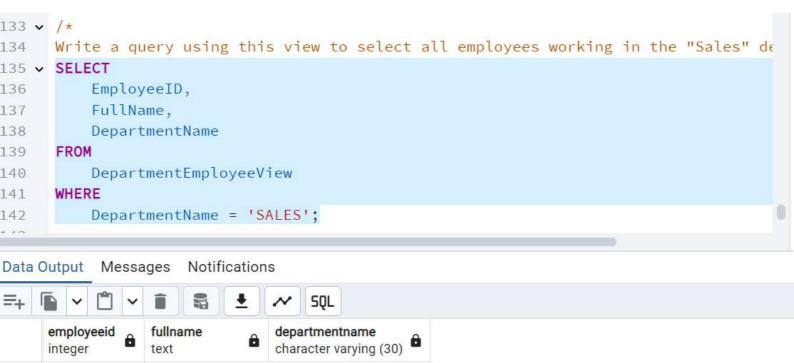
Query returned successfully in 46 msec.

```
118 - CREATE VIEW
      DepartmentEmployeeView AS
119
      SELECT
120
          E.EmployeeID,
121
          CONCAT(E.EmployeeFirstName,' ',E.EmployeeLastName) AS FullName,
122
          D.DepartmentName,
123
          E.Salary
124
      FROM
125
          EMPLOYEEs E
126
      JOIN
127
          DEPARTMENTS D
128
          ON
129
          E.DepartmentID = D.DepartmentID;
130
131
132
133
```

CREATE VIEW

117

Query returned successfully in 61 msec.



integer

1

2

3

text

6 2 RAGHAB KUMAR

RAJU SINHA

SITA KUMARI

SALES

SALES

SALES

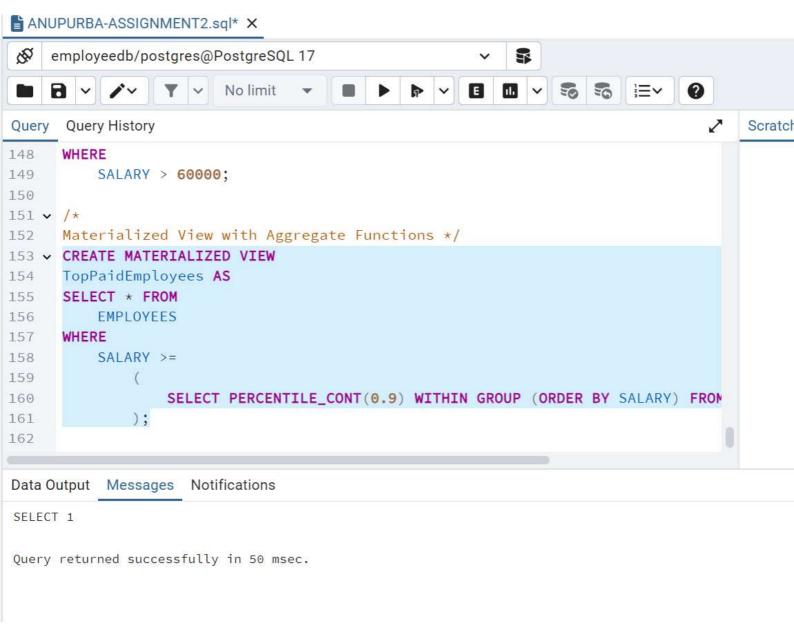
```
144 v /*
145 Parameterized Queries Using a View */
146 v SELECT * FROM

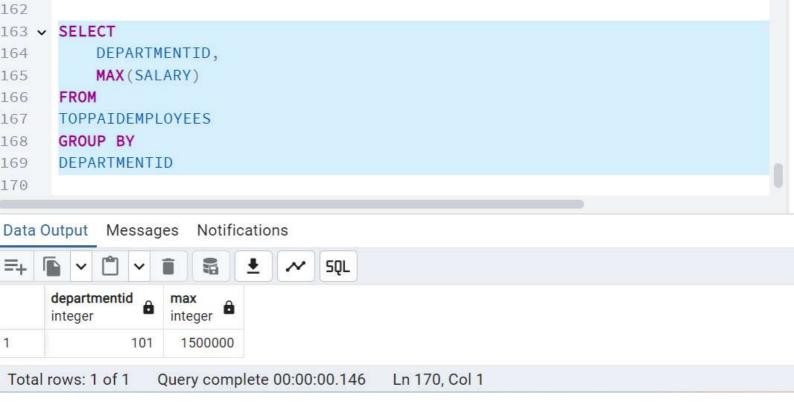
147 DepartmentEmployeeView

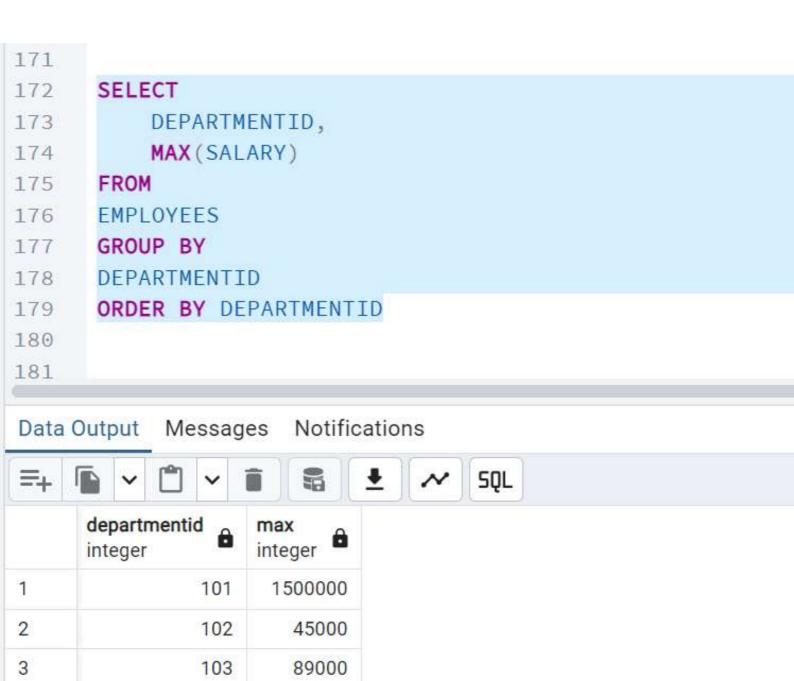
148 WHERE

149 SALARY > 60000;
```

| =+ | | | SQL | |
|----|--------------------|-------------------|---------------------------------------|-------------------|
| | employeeid integer | fullname text | departmentname character varying (30) | salary integer |
| 1 | 10 | RAGHAVENDRA YADAV | IT | 1500000 |
| 2 | 4 | MOU DAS | IT | 150000 |
| 3 | 6 | RAJU SINHA | SALES | 78000 |
| 4 | 2 | SITA KUMARI | SALES | 89000 |
| 5 | 7 | MAYA SHANKAR | HR | 75000 |







```
181 v /*
182    Creating a Composite Index */
183    CREATE INDEX idx_department_salary ON EMPLOYEES(DEPARTMENTID, SALARY);
184
185
```

CREATE INDEX

Query returned successfully in 47 msec.

