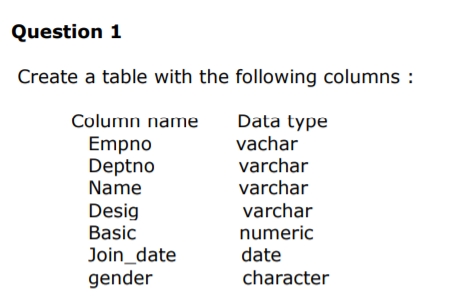
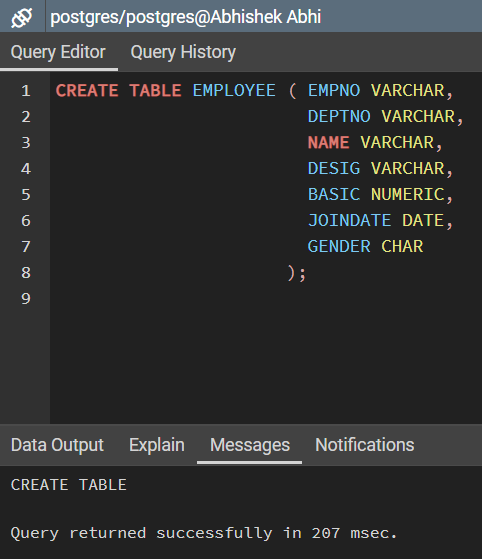
Database Management System – 19CSE202

Lab Assignment – 2

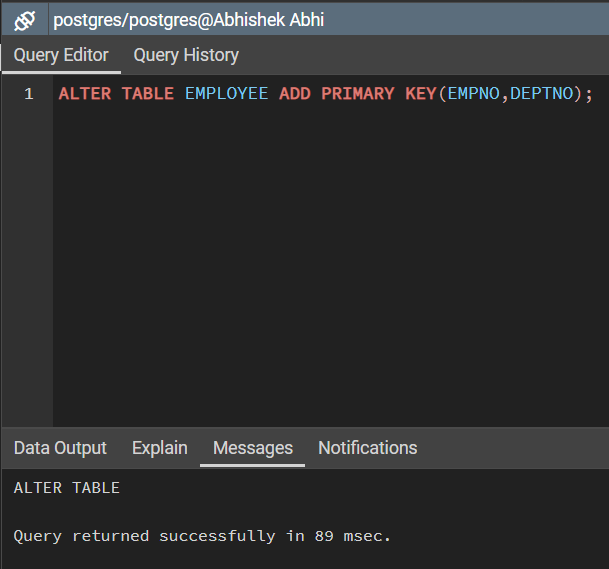
S. ABHISHEK

AM. EN. U4 CSE19147

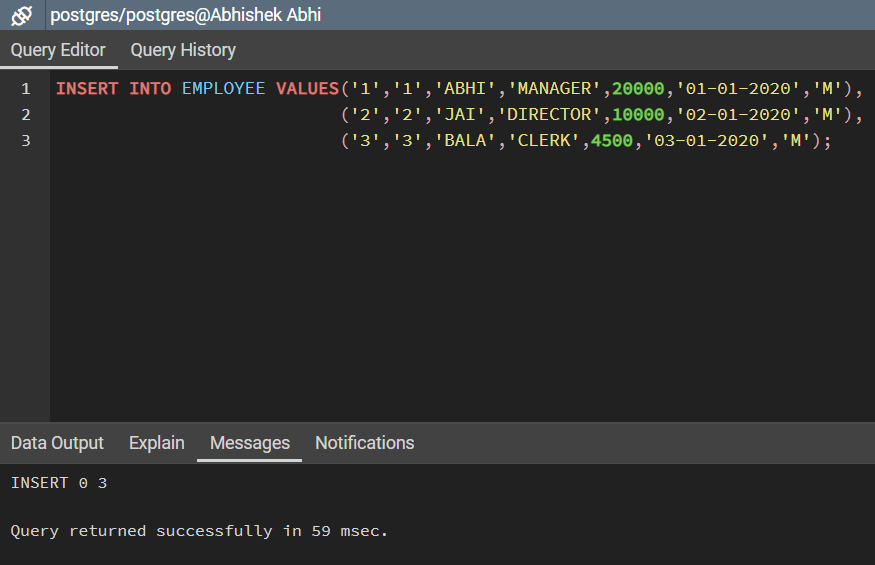




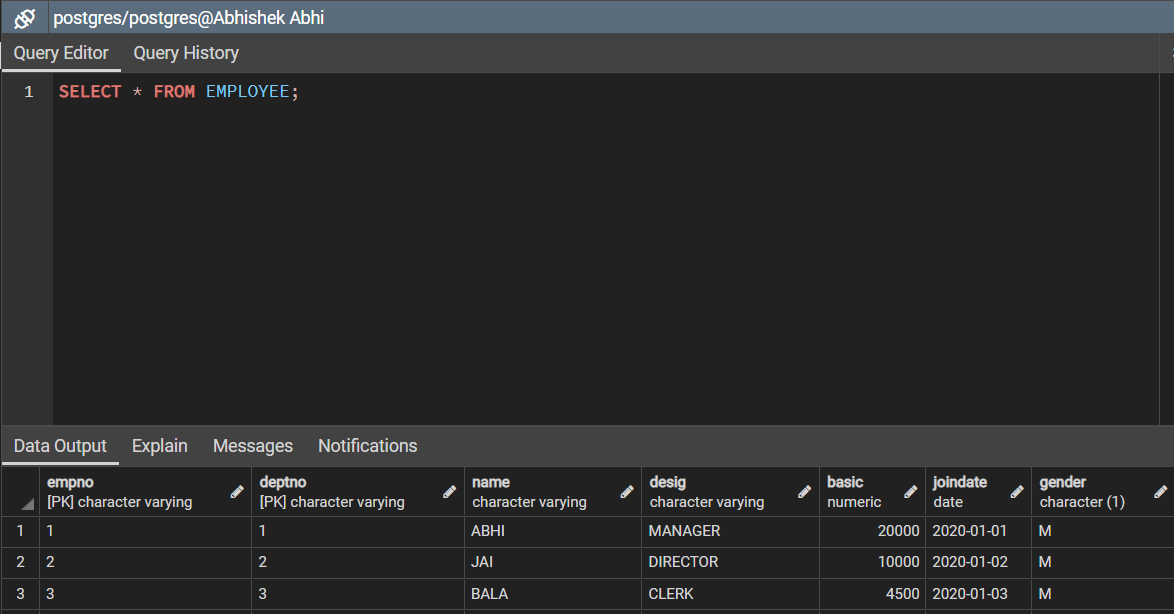
Set the composite key as Empno and Deptno:



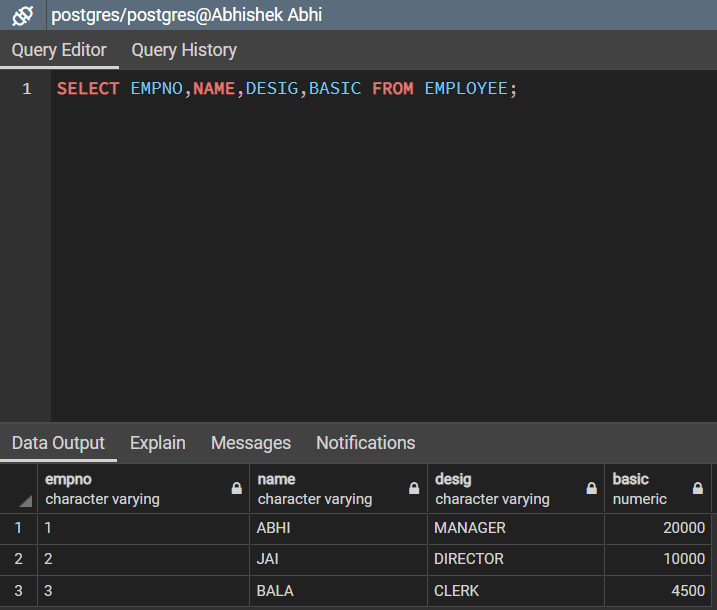
Add 3 rows into the table:



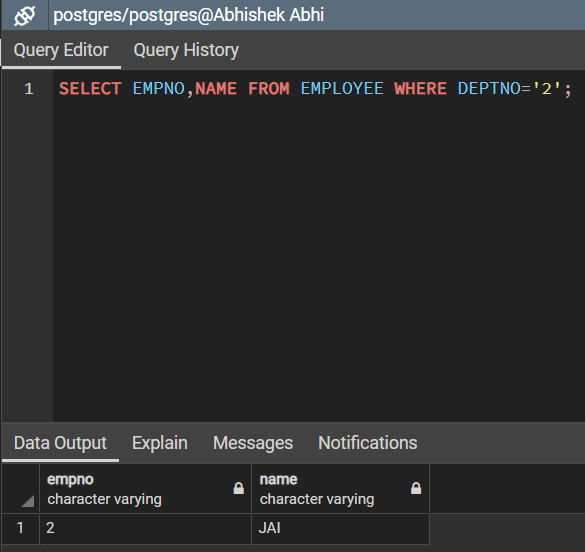
Display all the records from the above table:



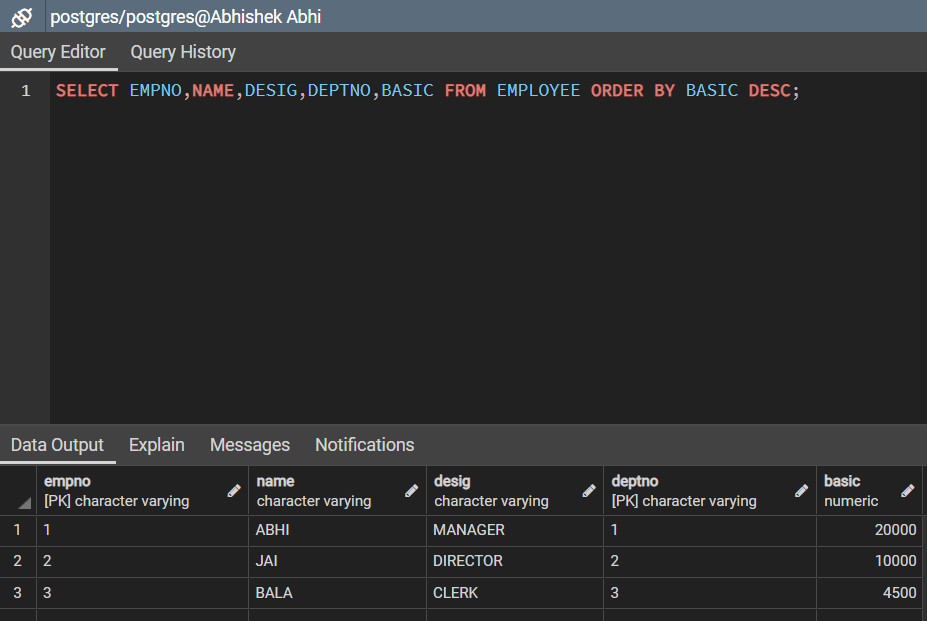
Display the Empno, name, designation and basic salary of all the employees:



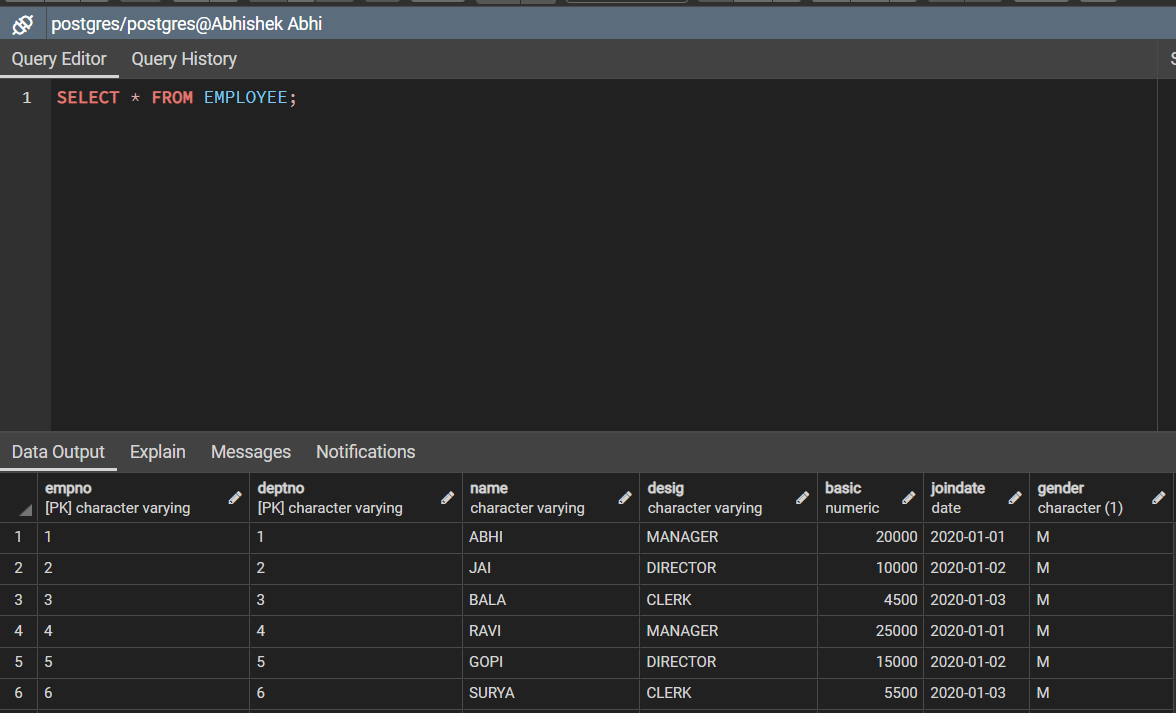
Display empno and name of all the employees from department no 2:

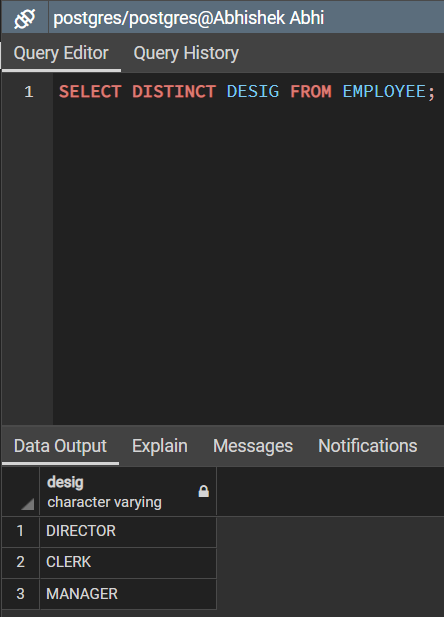


Display empno, name, desig, department no., and basic salary in the descending order of basic pay:

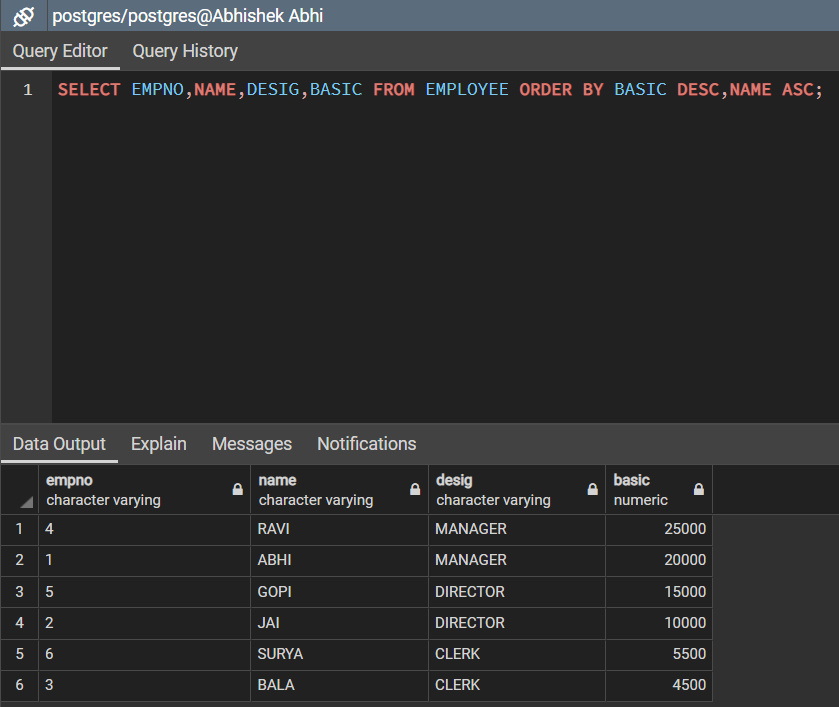


Display all designations without duplicate values:

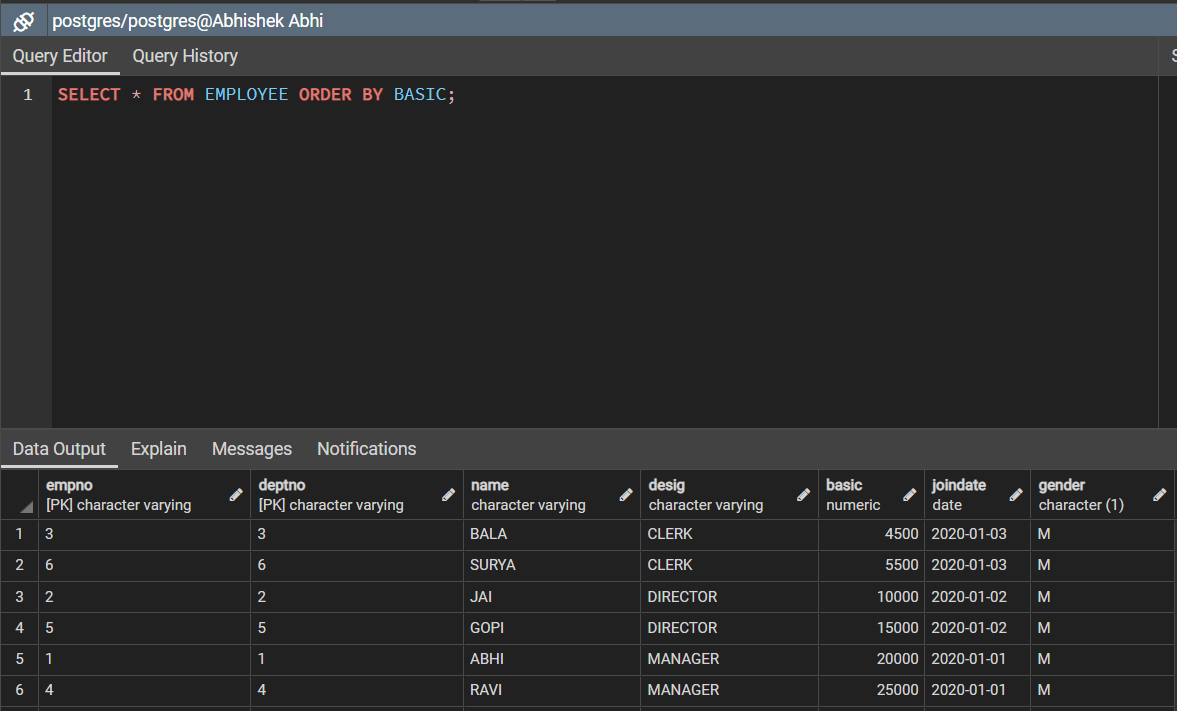




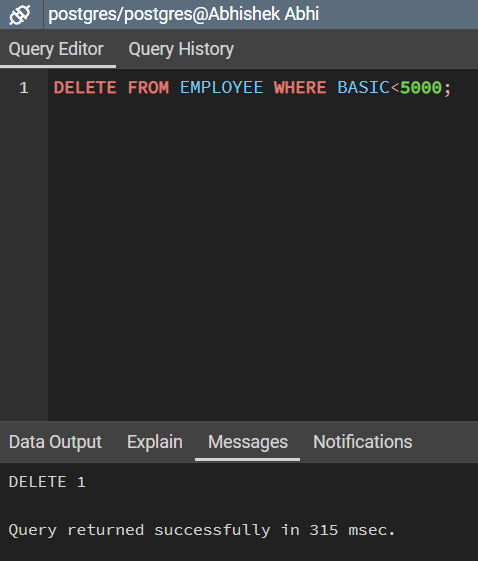
Display Empno, name, desig, and basic salary in the descending order of basic pay and in the ascending order of names:

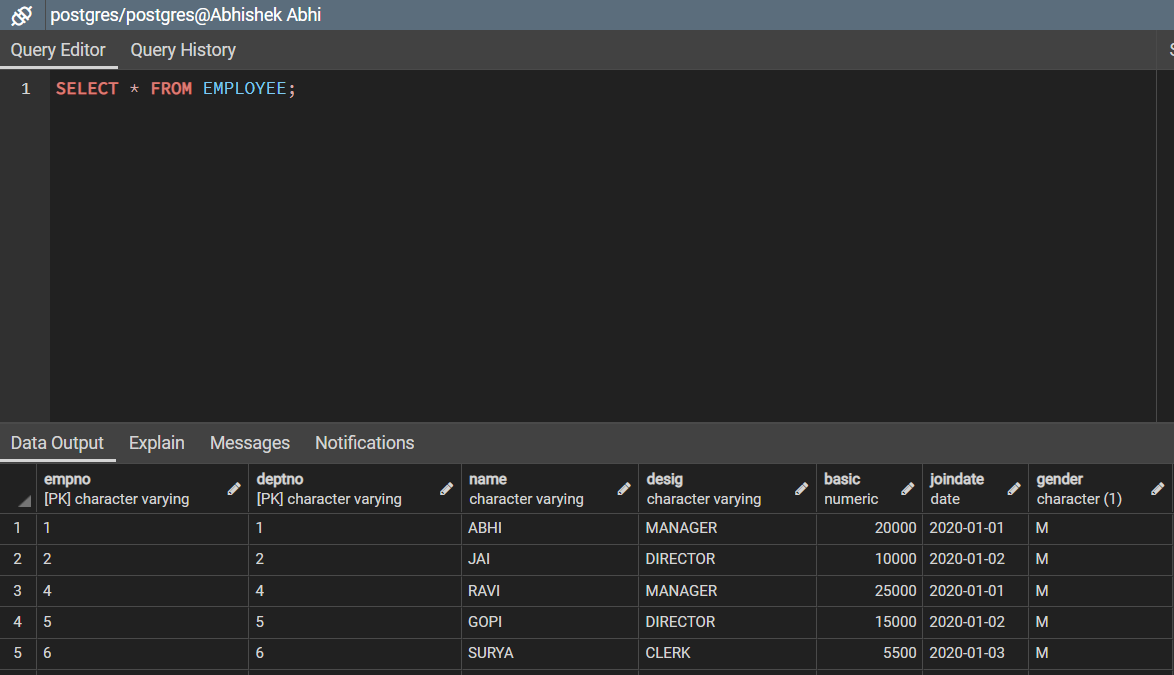


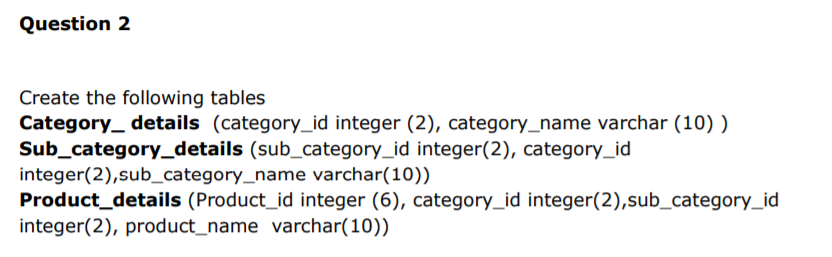
Sort the table in the order of basic salary.

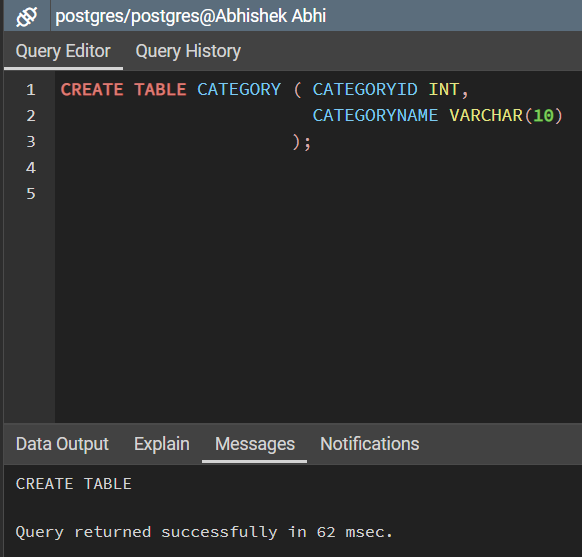


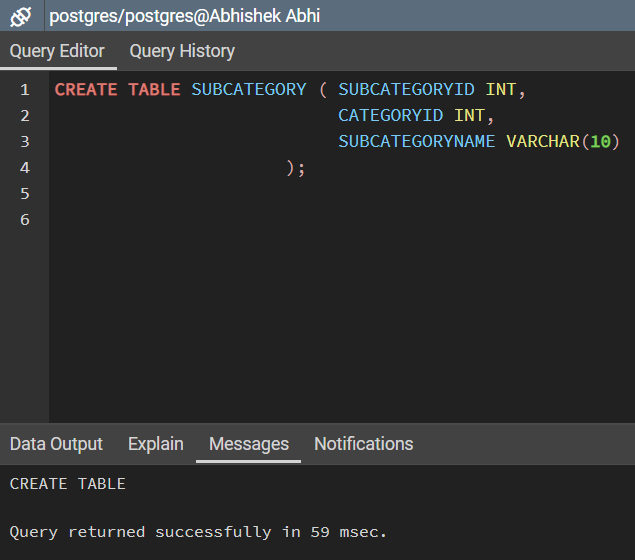
Delete the records of employees whose basic is less than 5000.

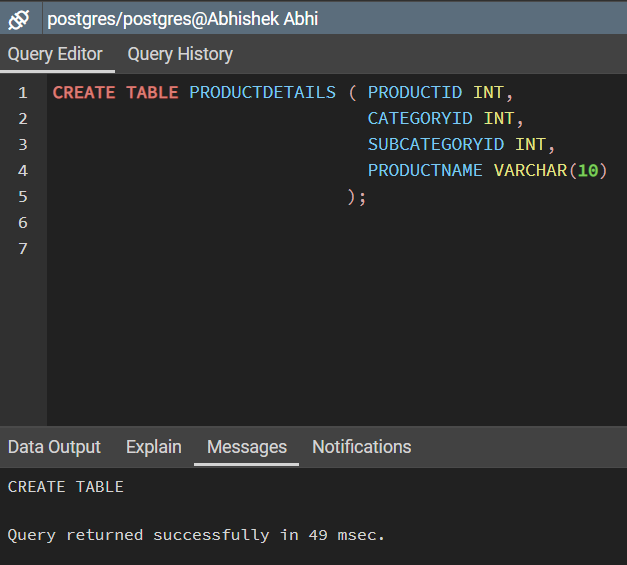






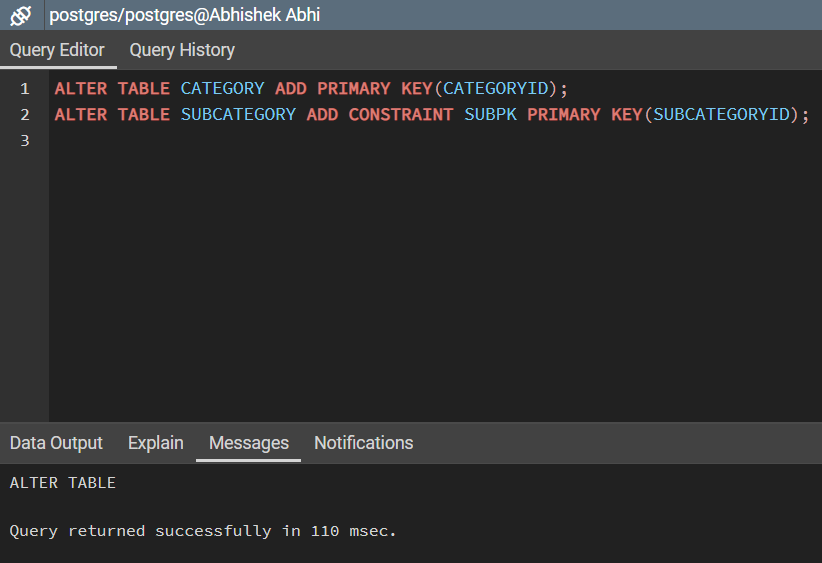




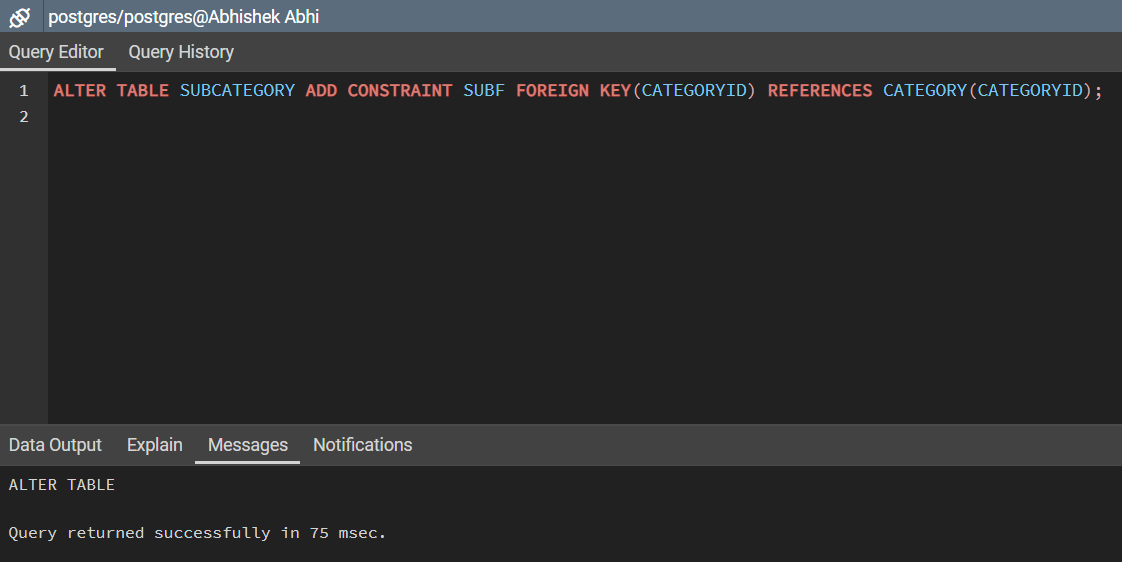


Add a primary key constraint (without any constraint name) on column category\_id of category\_details table:

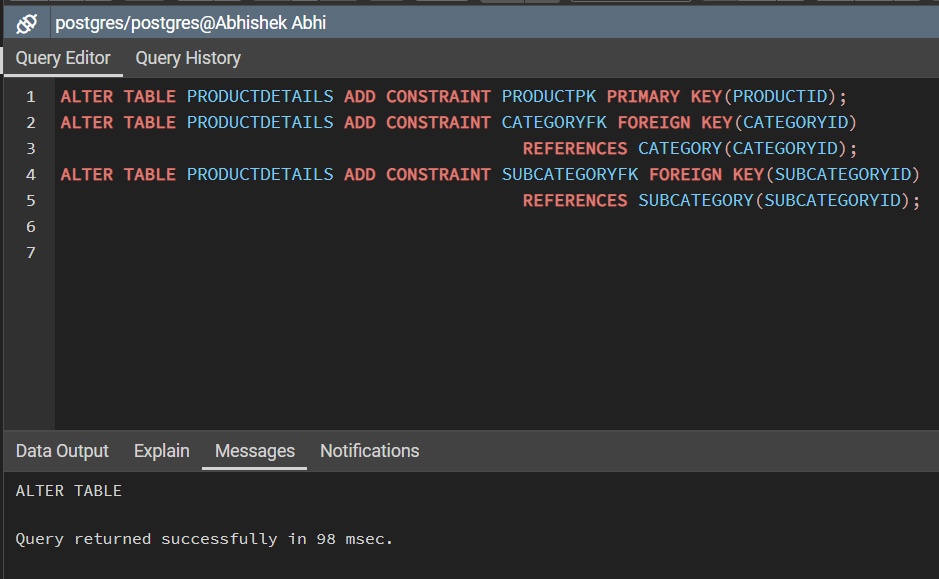
Add a primary key constraint with a constraint name on column sub\_category\_id of sub\_category\_details table:



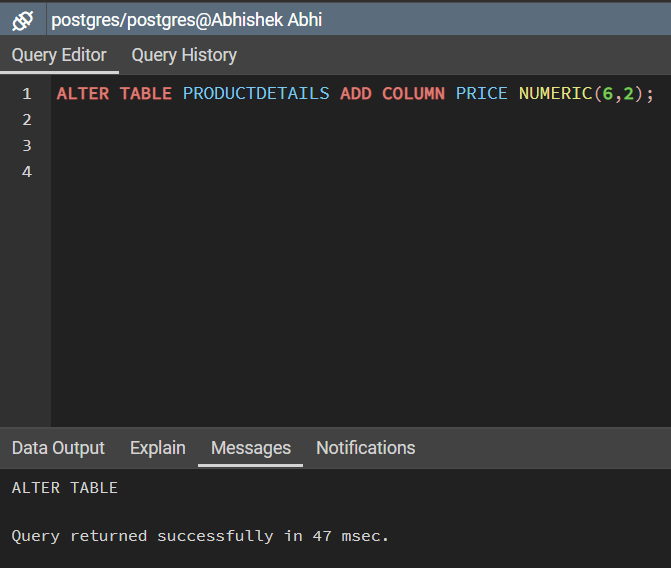
Add a foreign key constraint with constraint name on column category id of sub\_category\_details table referencing category\_id of category\_details table:



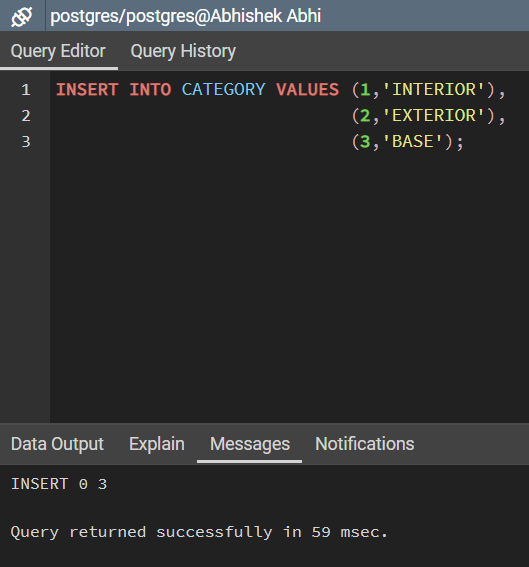
For product\_details table add primary key constraint on product\_id. Also add foreign key constraint on category\_id and sub\_category\_id columns referencing category\_details(category\_id) and sub\_category\_details (sub\_category\_id). Give appropriate names for all constraints:

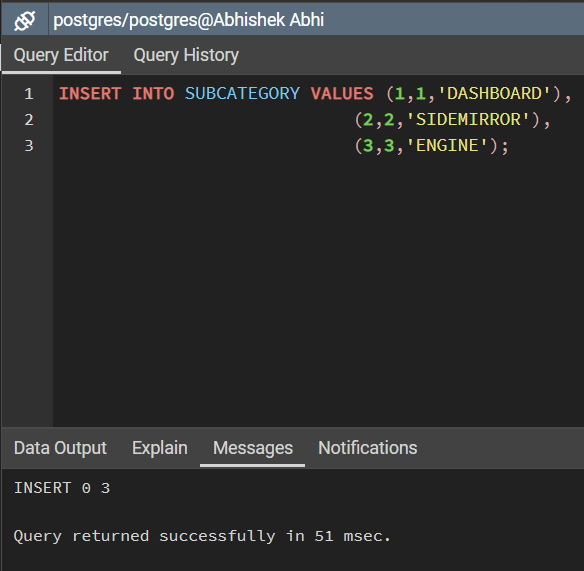


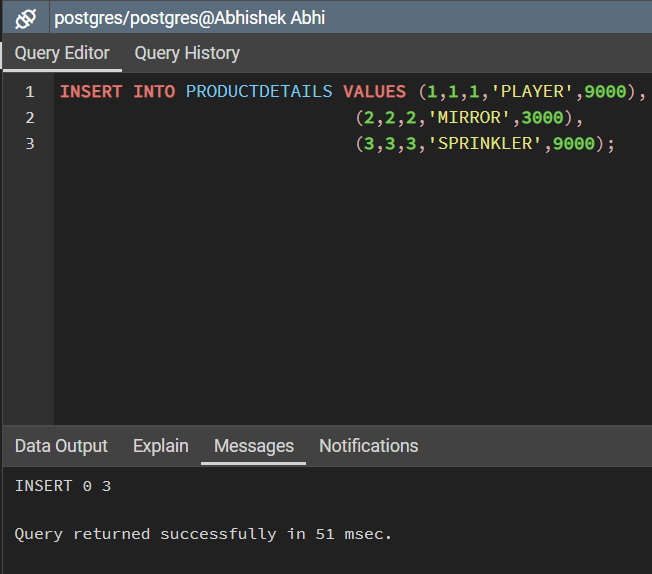
Add a new column (price numeric(6,2)) to product\_details table:

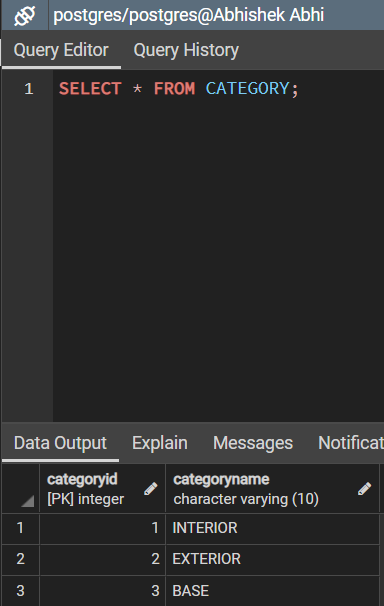


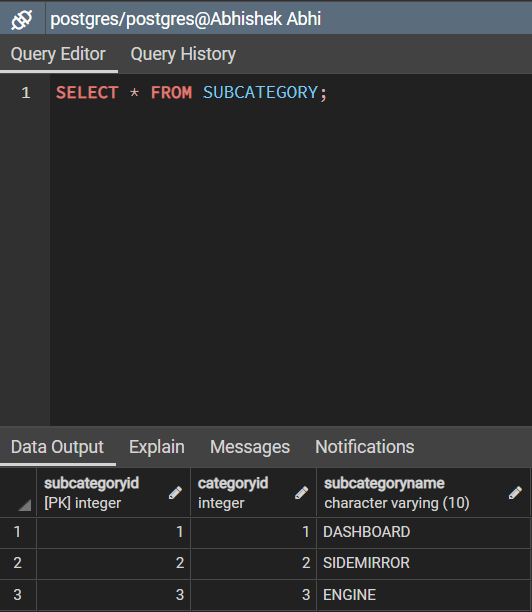
Insert four tuples in the table. (With valid data):

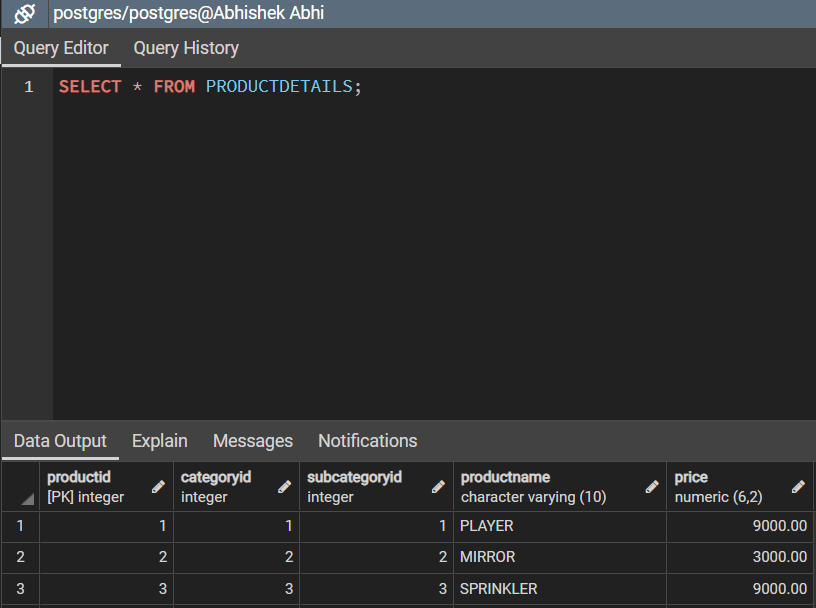




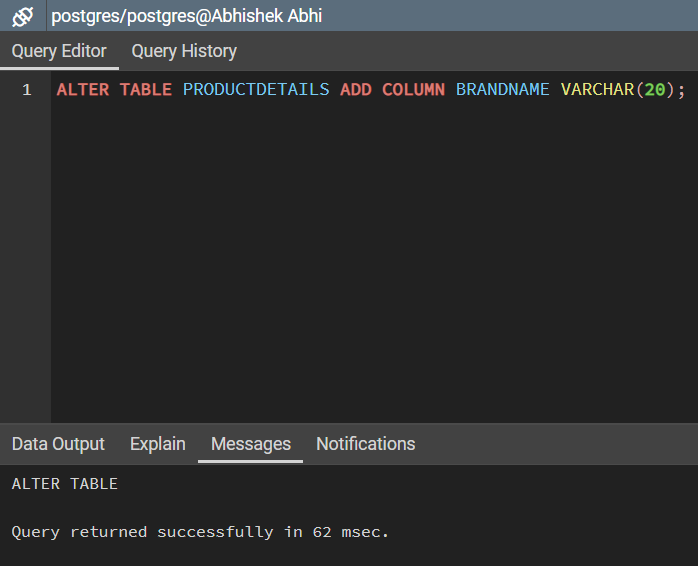


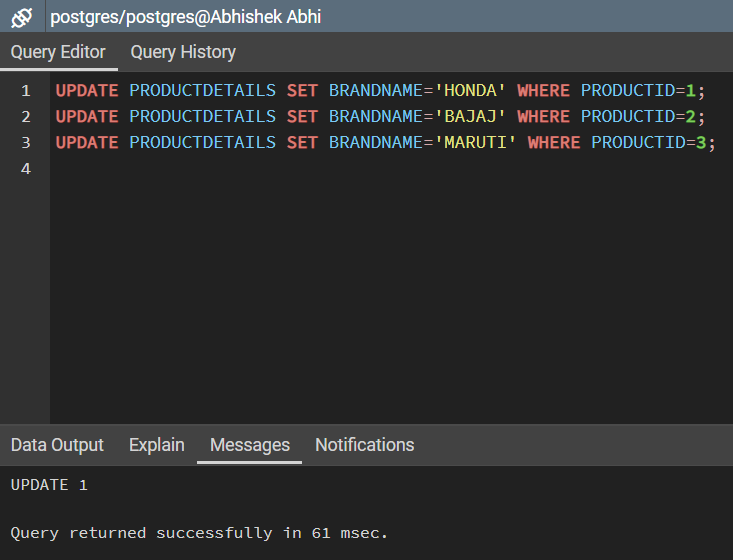


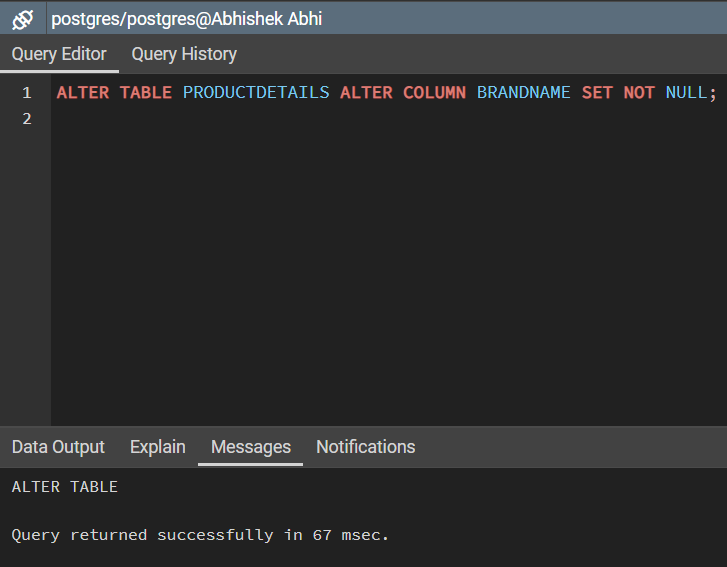


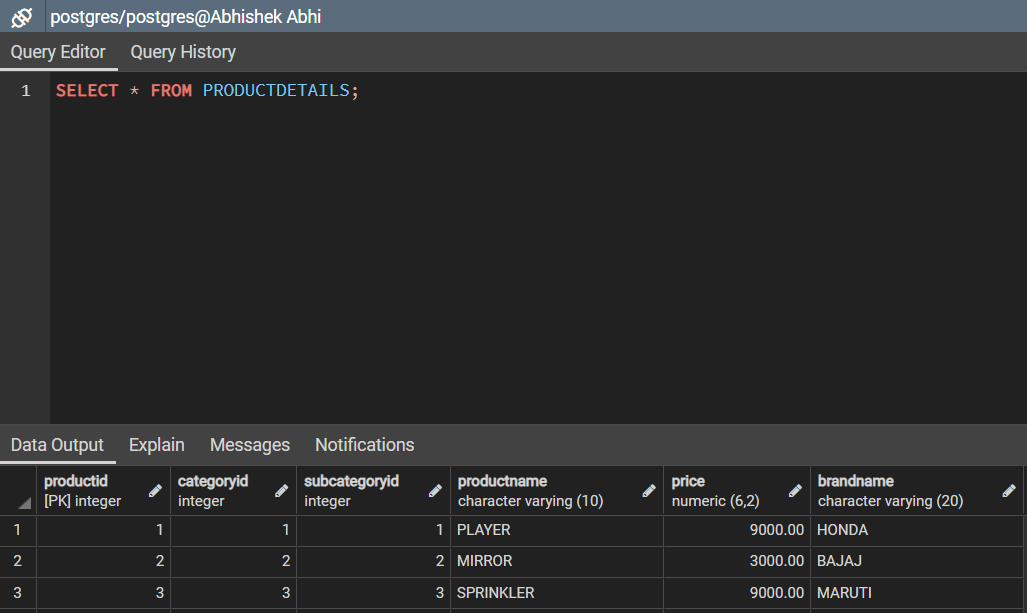


Add a new column BRANDNAME varchar(20) NOT NULL:

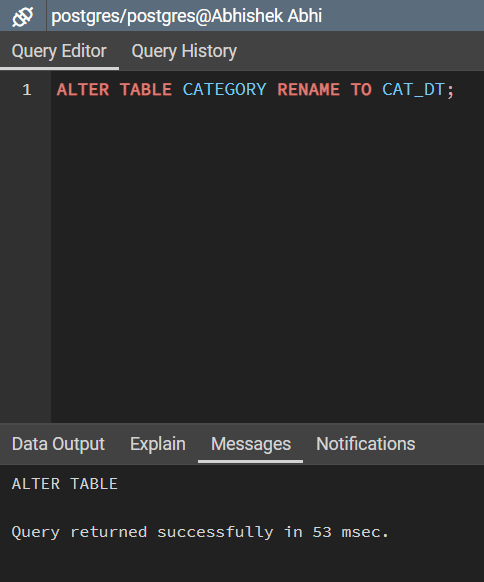


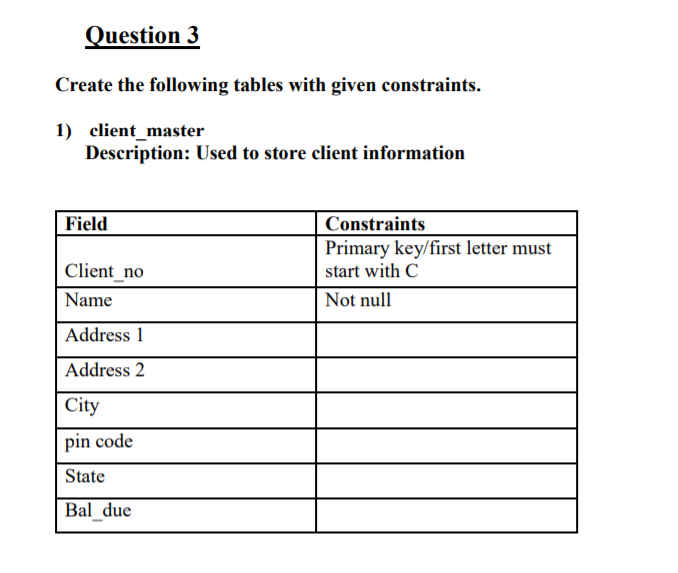


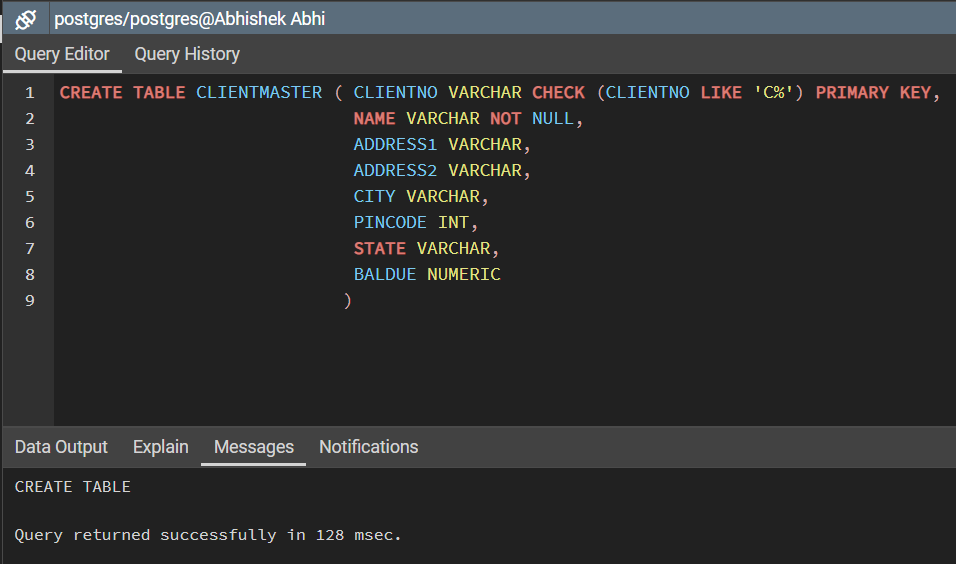
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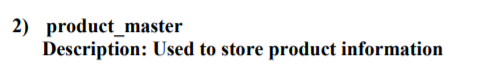
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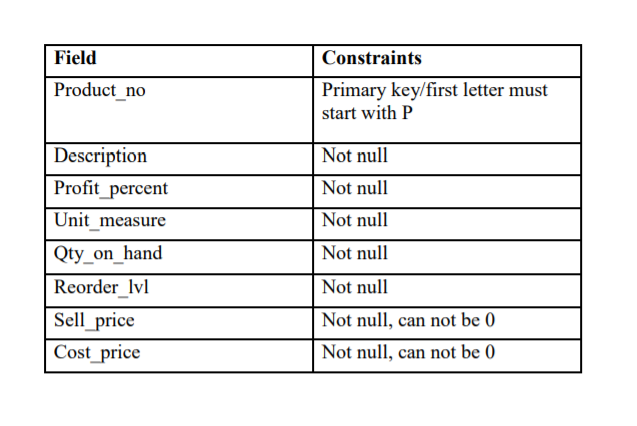
Rename Category\_details table to Cat\_dt:

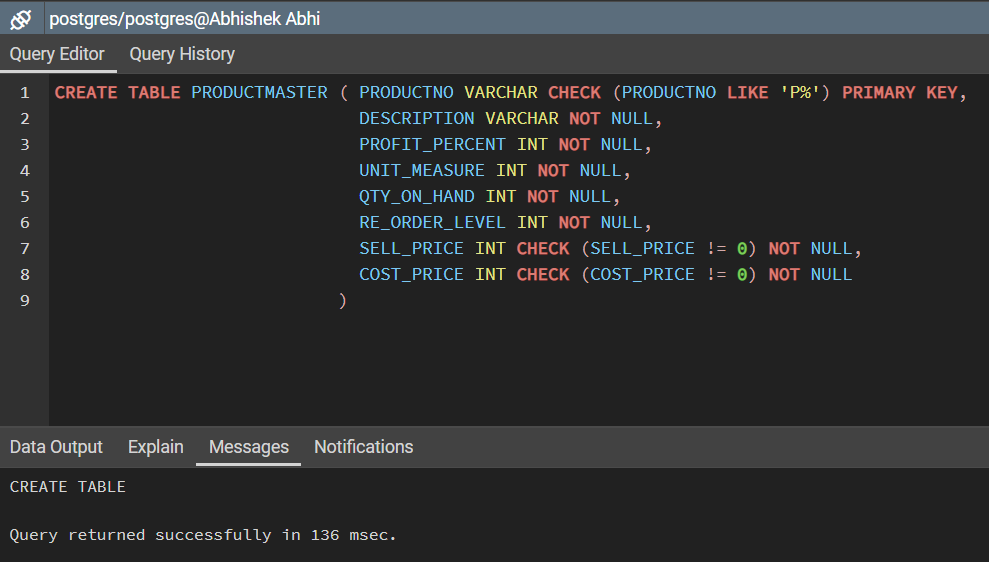
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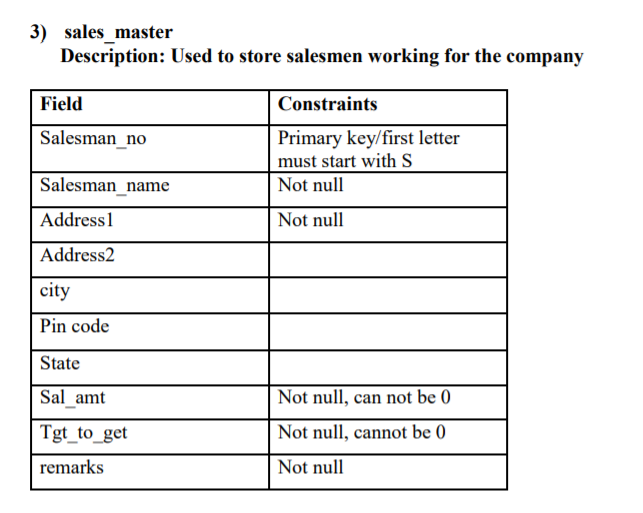
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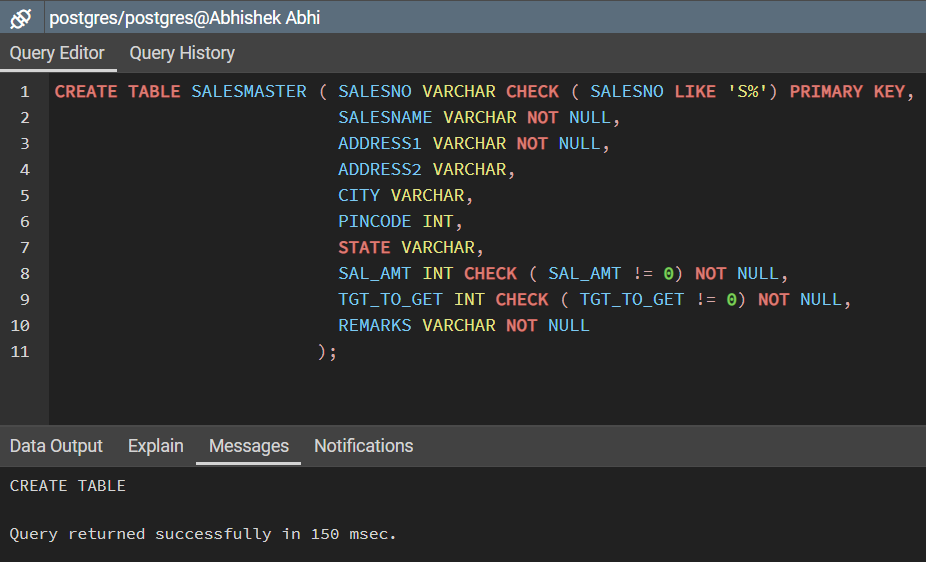
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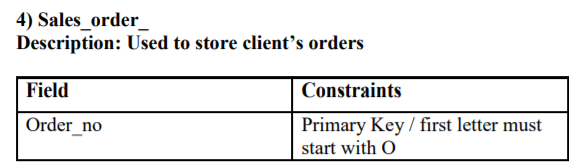
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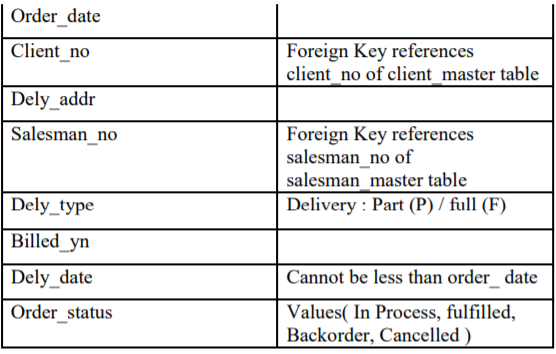
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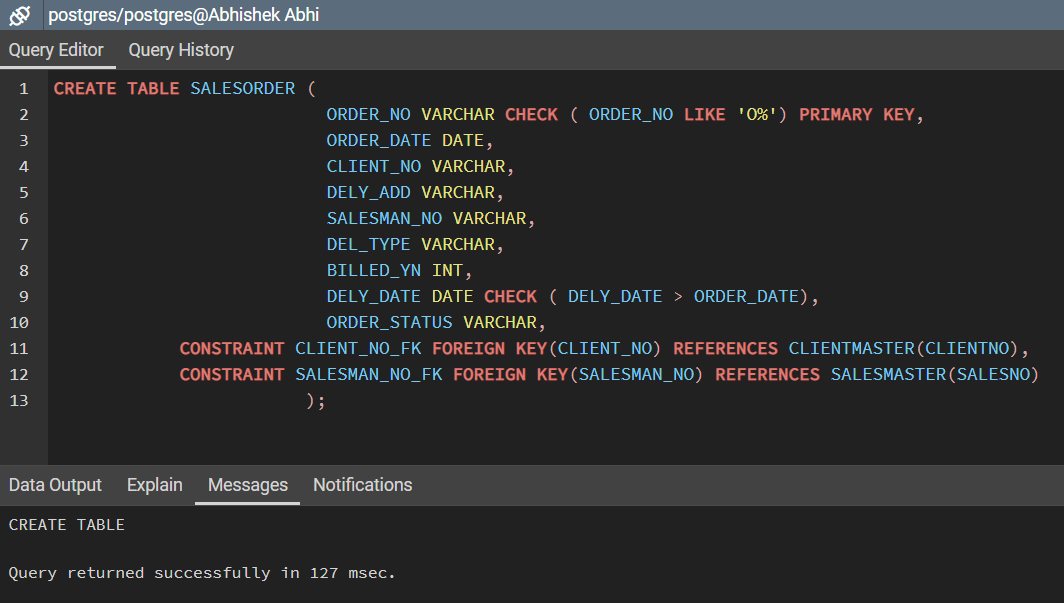
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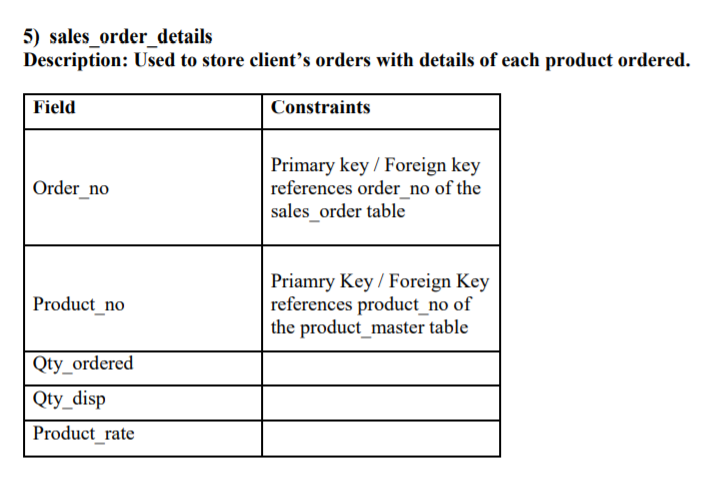
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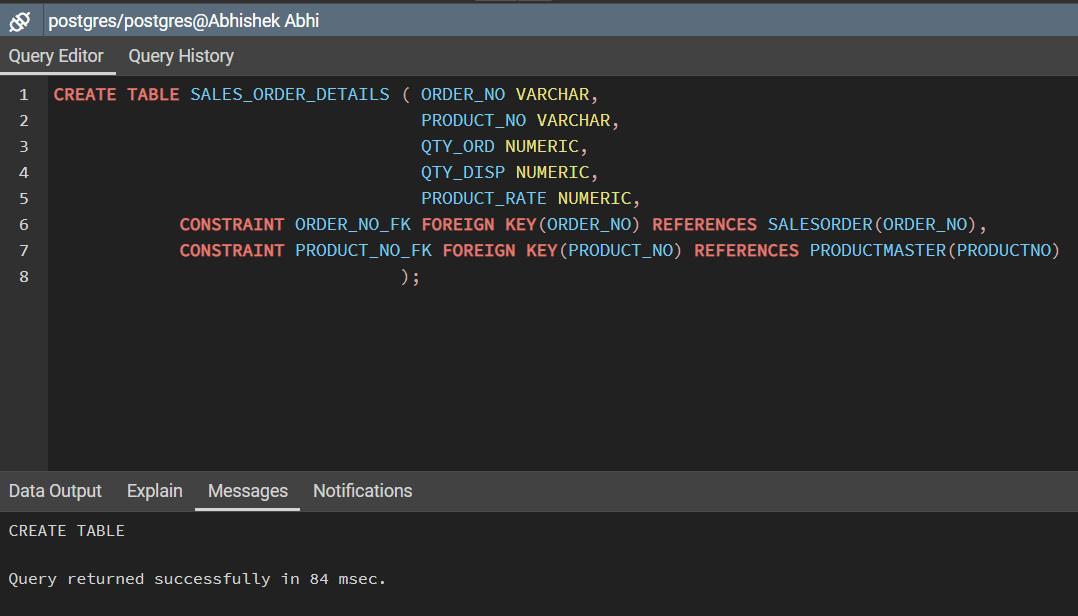
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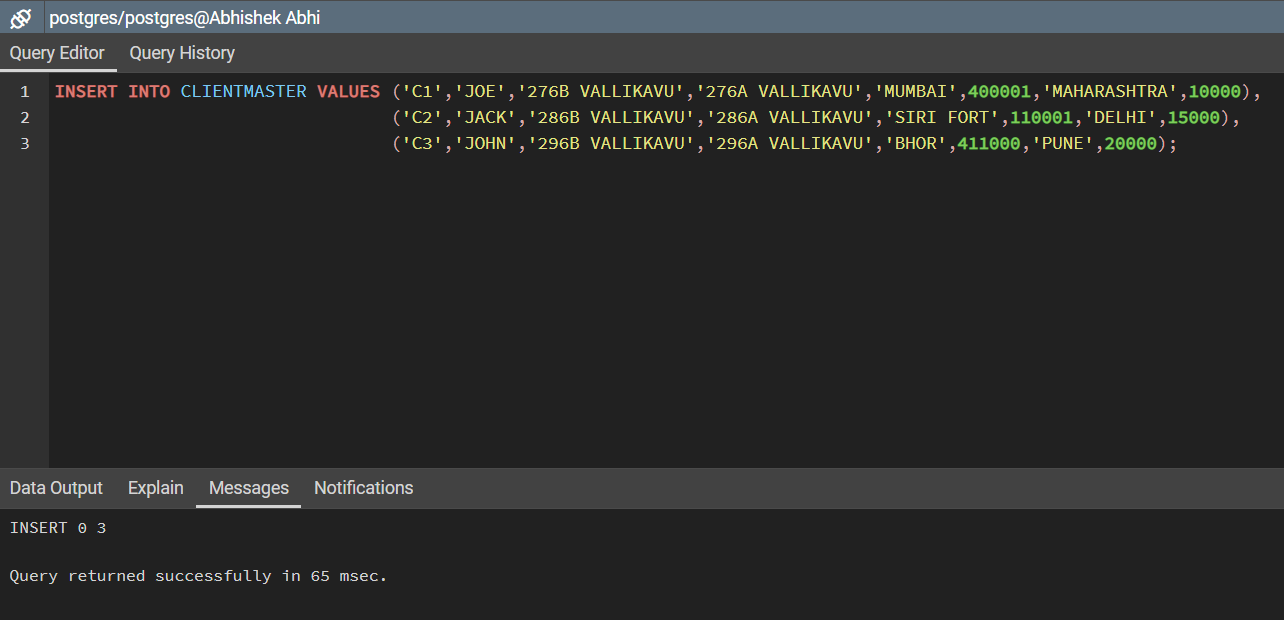
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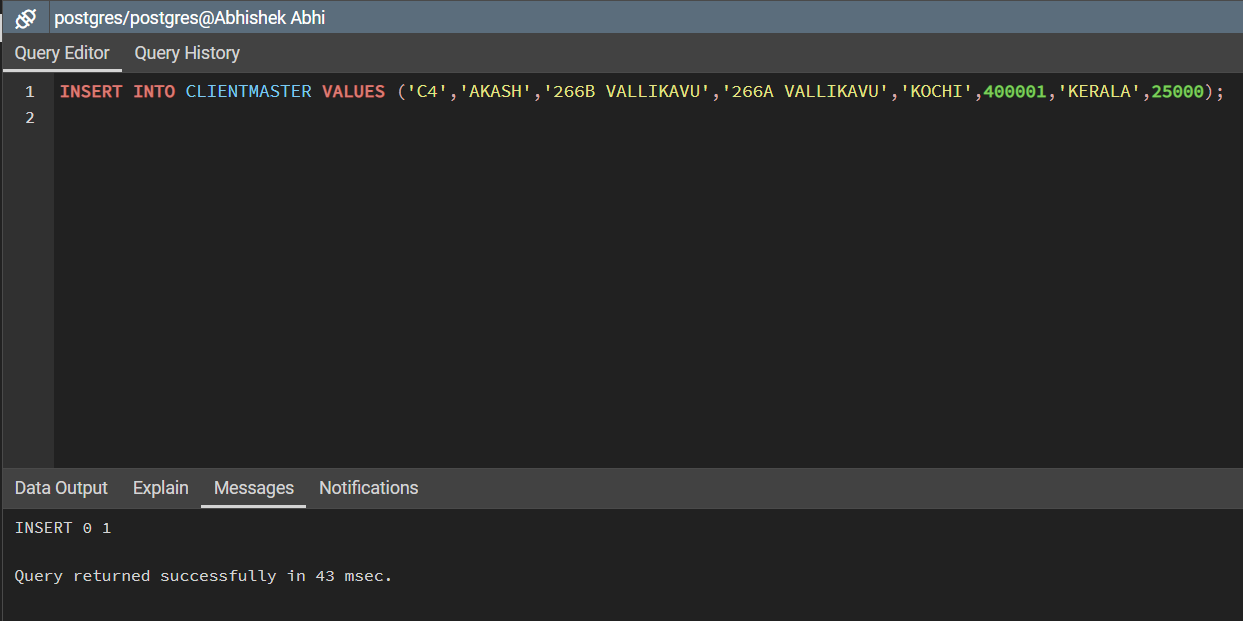
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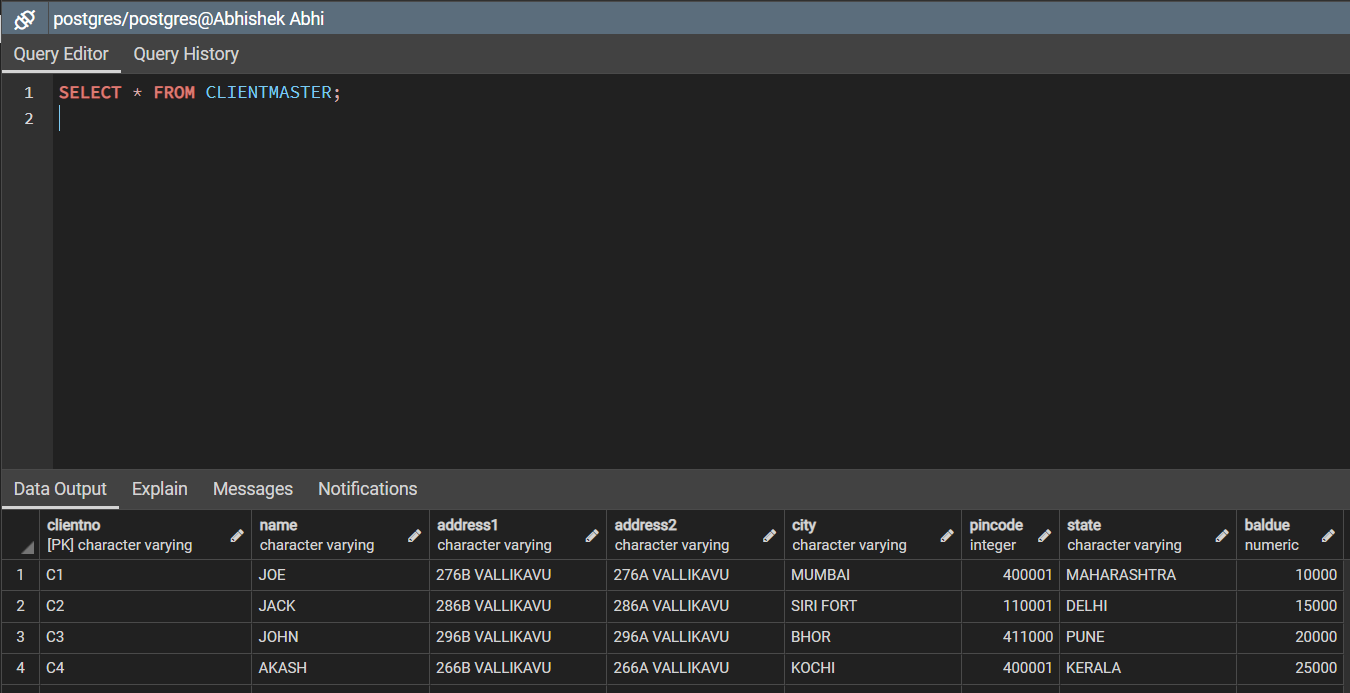
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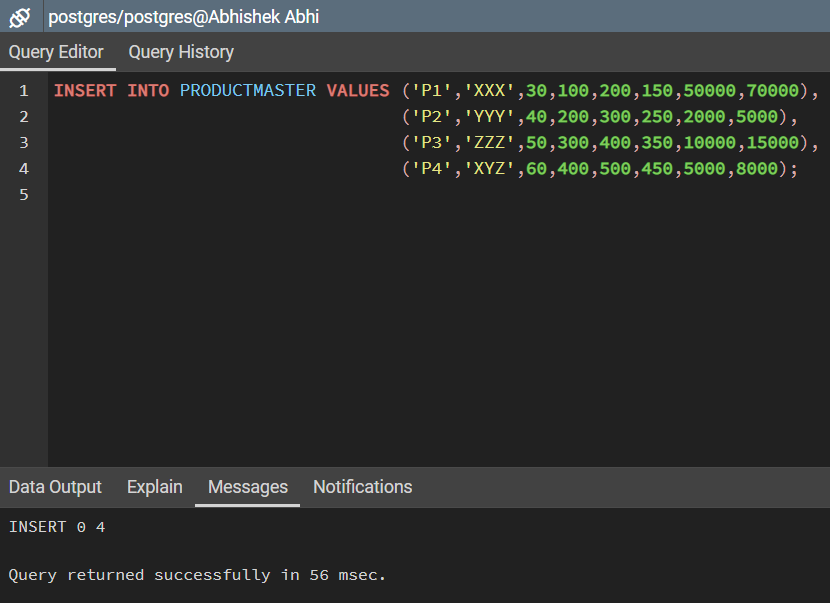
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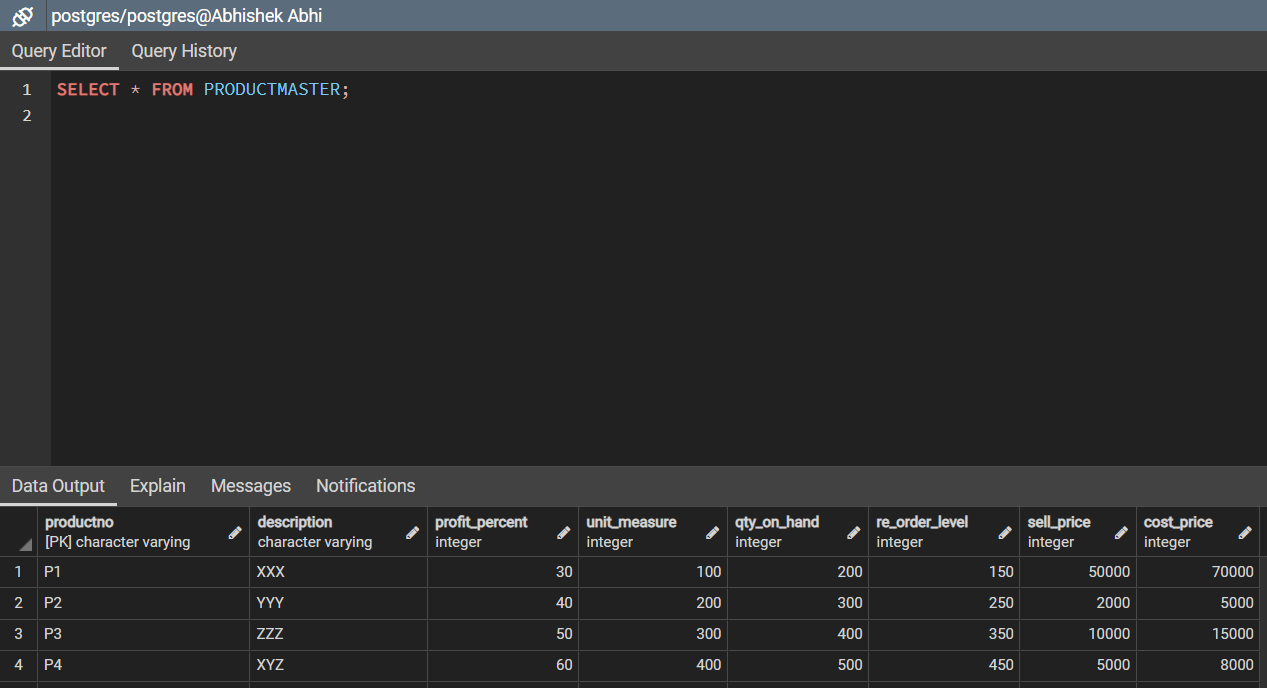
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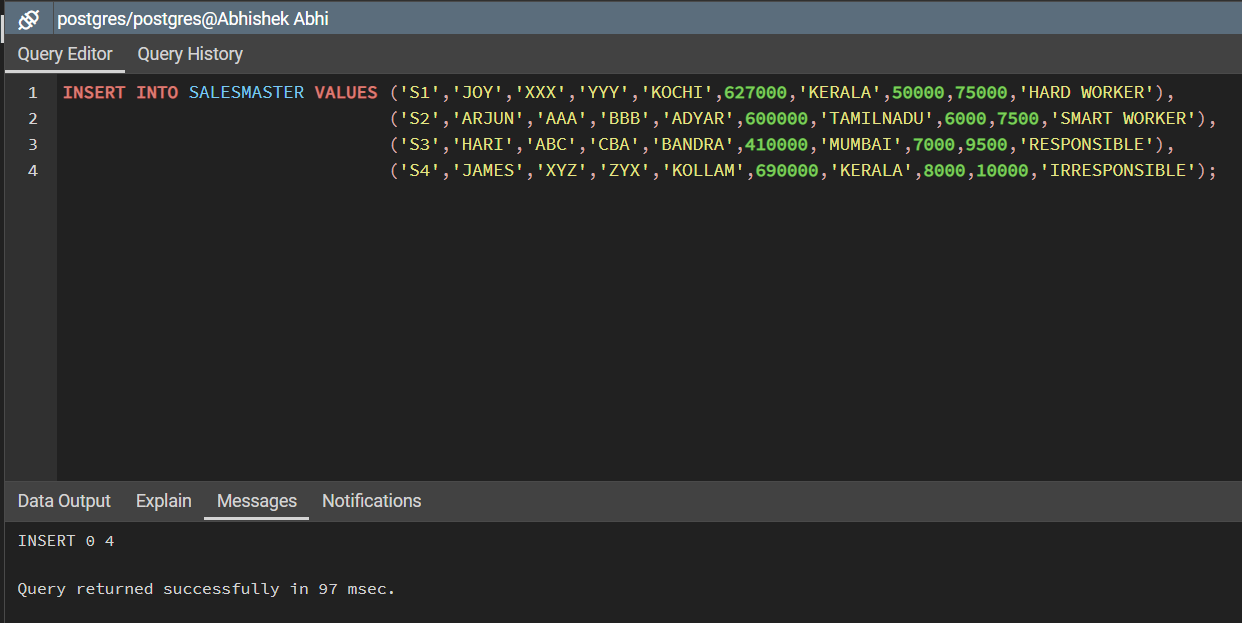
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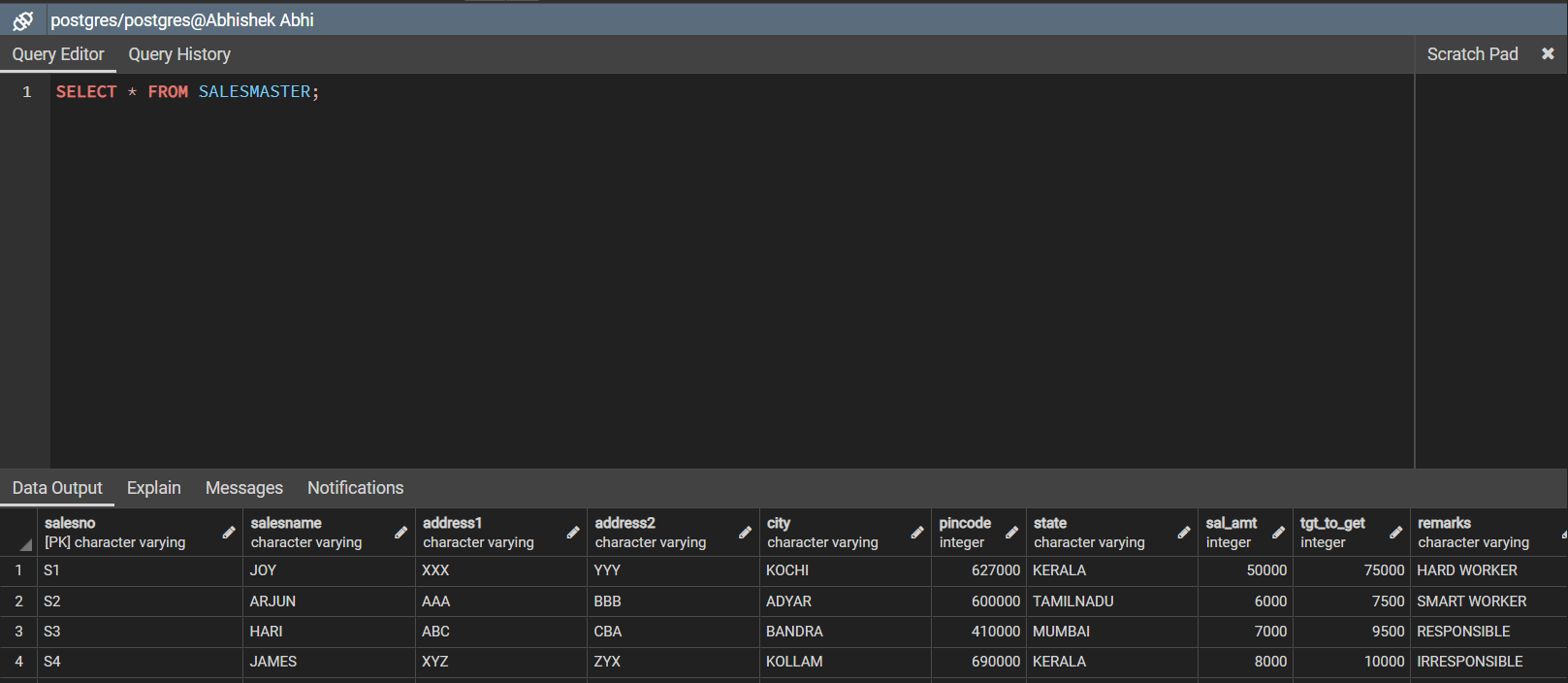
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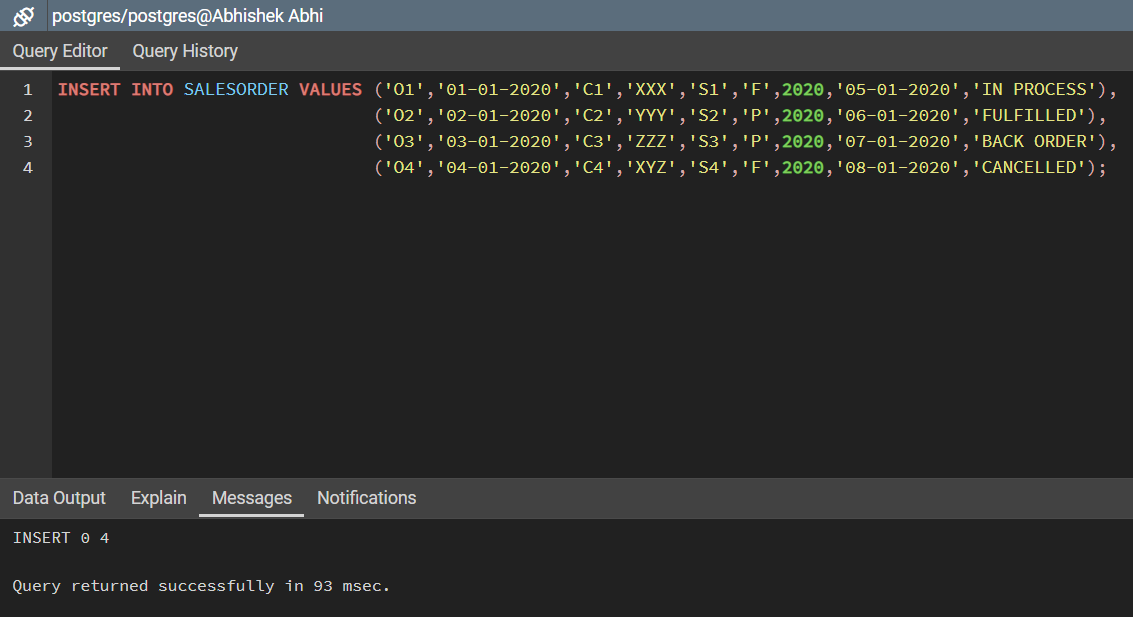
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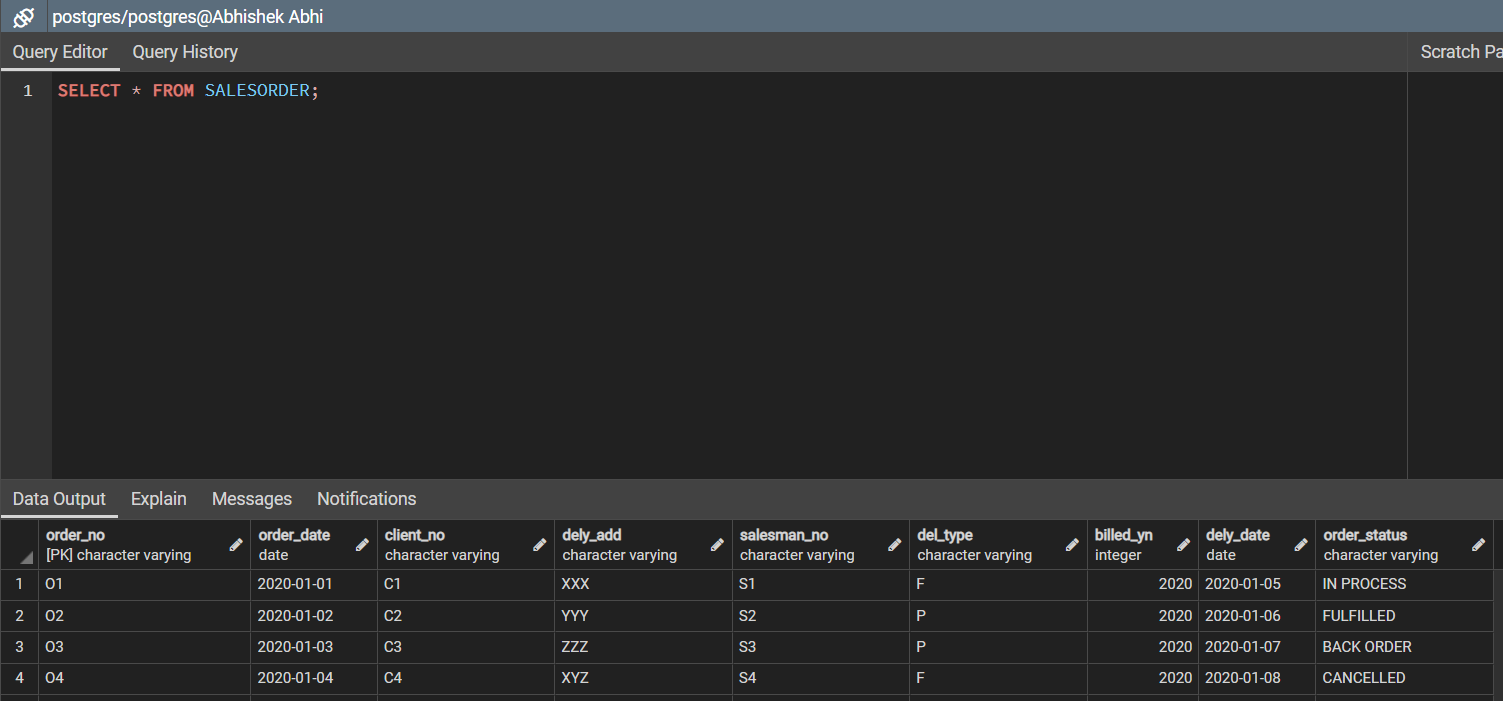
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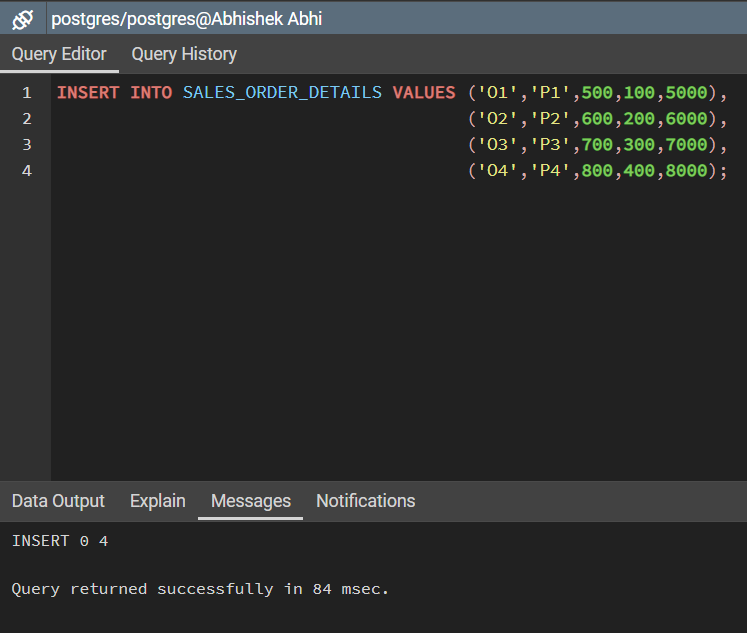
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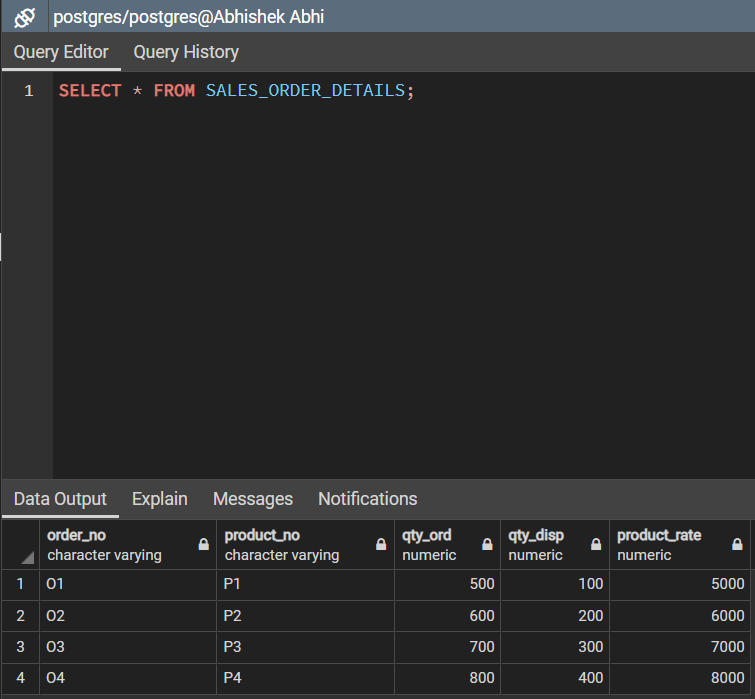
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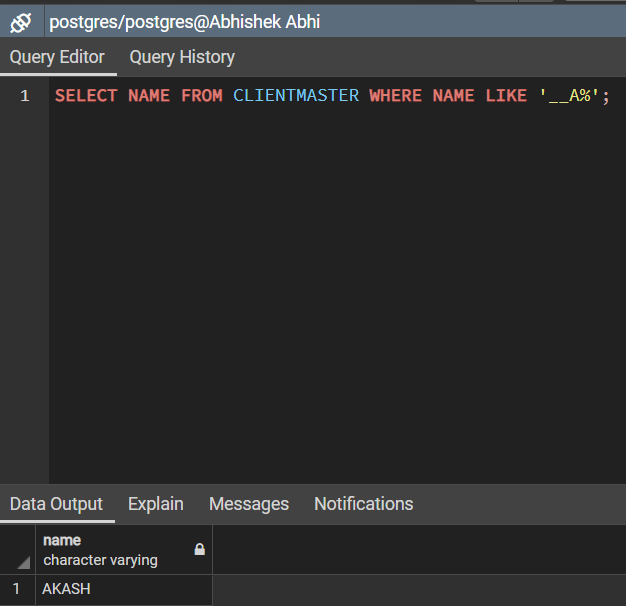
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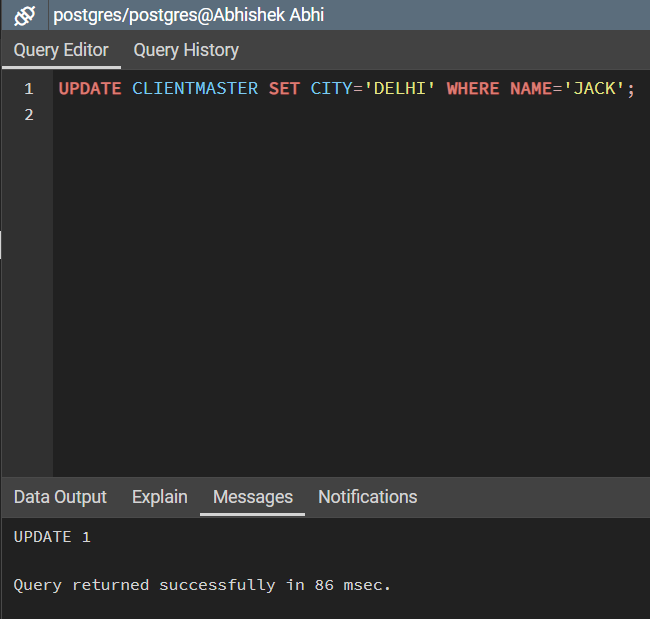
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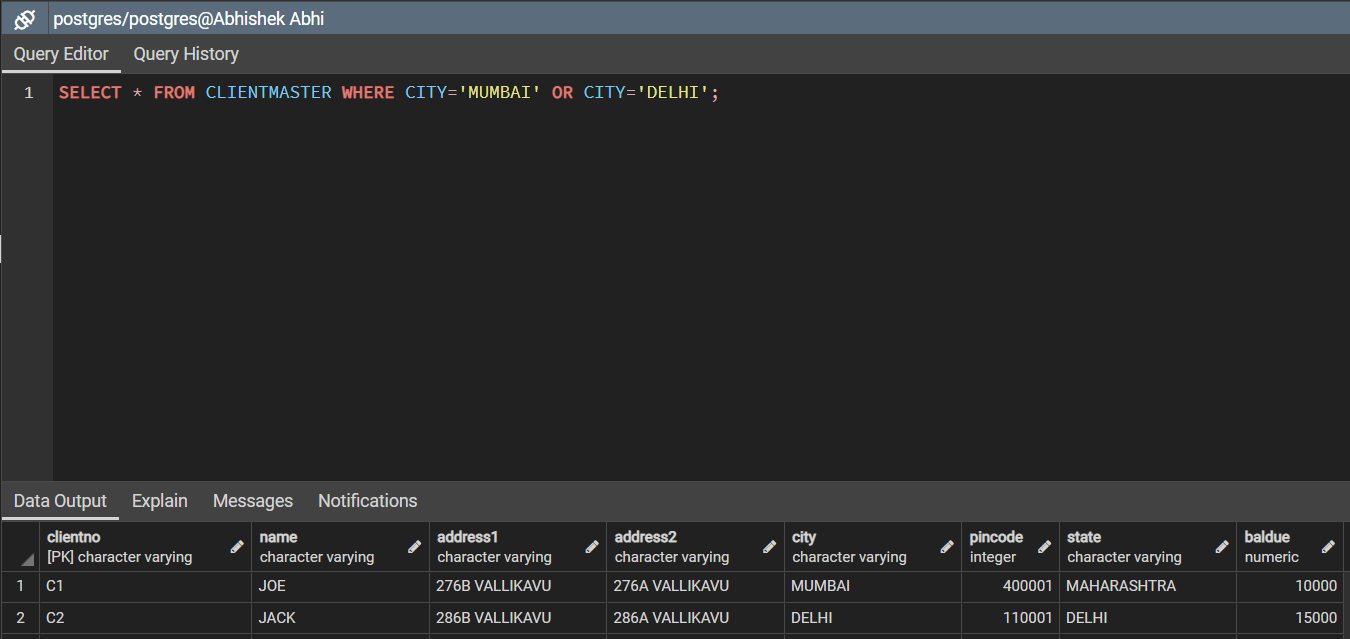
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Find the names of all clients having ‘a’ as the third letter in their names:

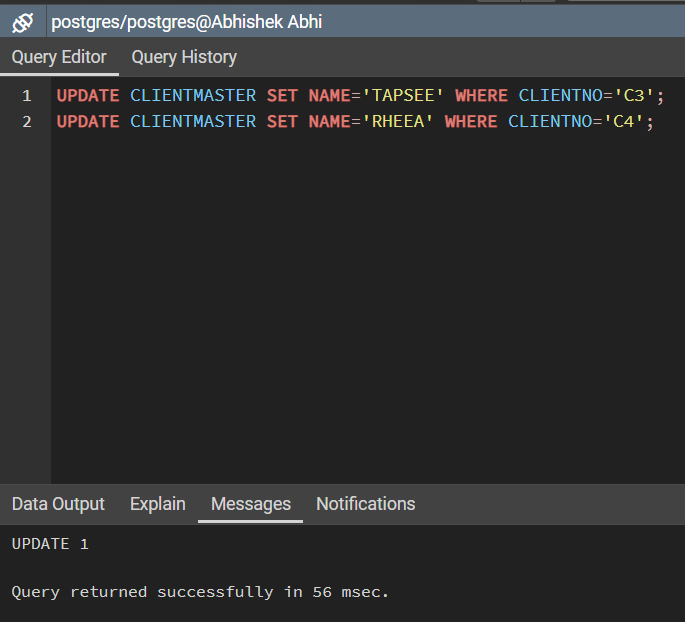
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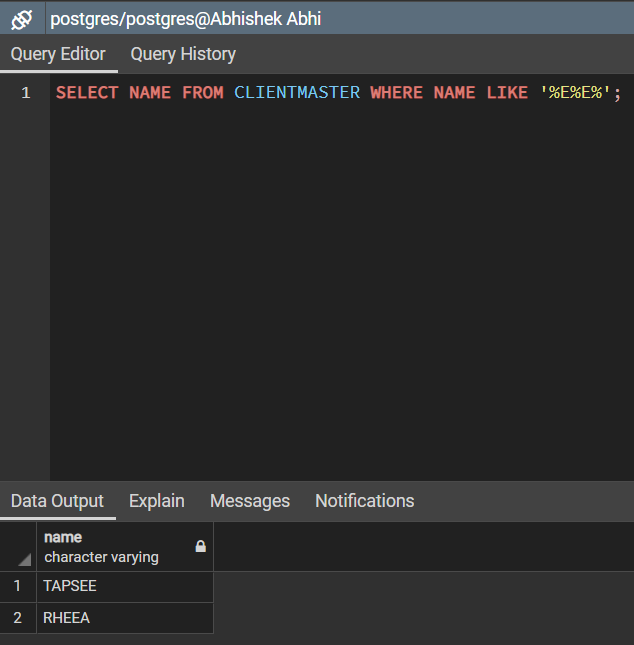
Find out the clients who stay in Bombay or Delhi:

****

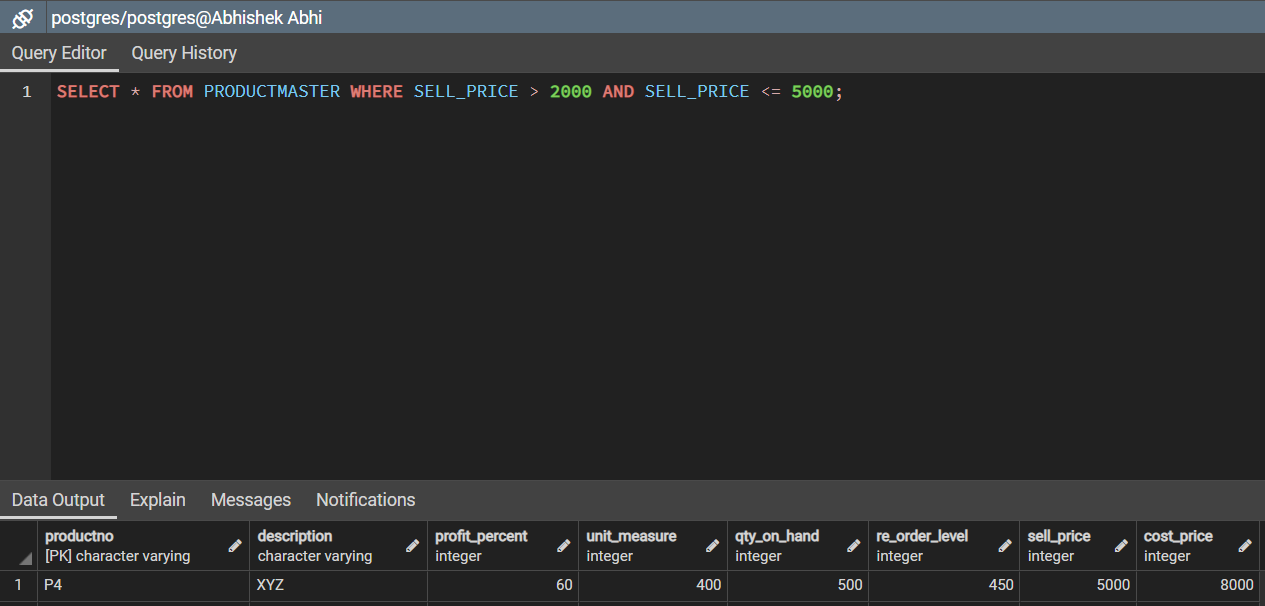
****

Find the names of all clients having two ‘e’ in their names:

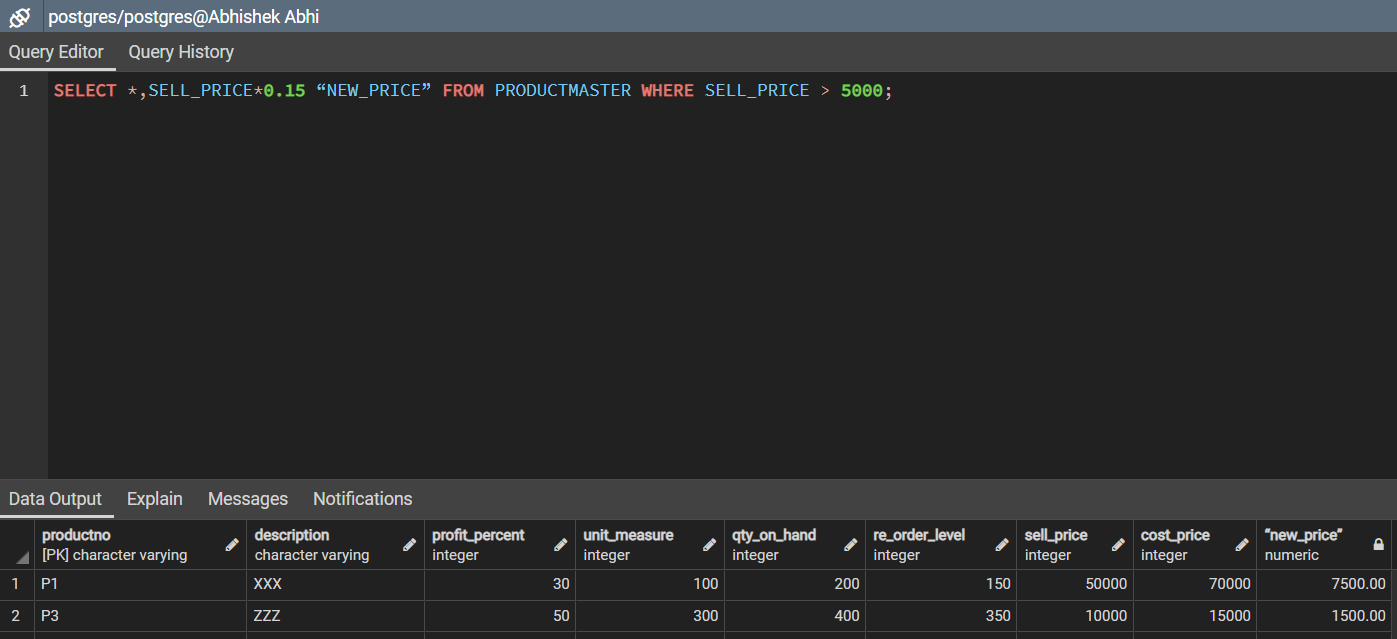
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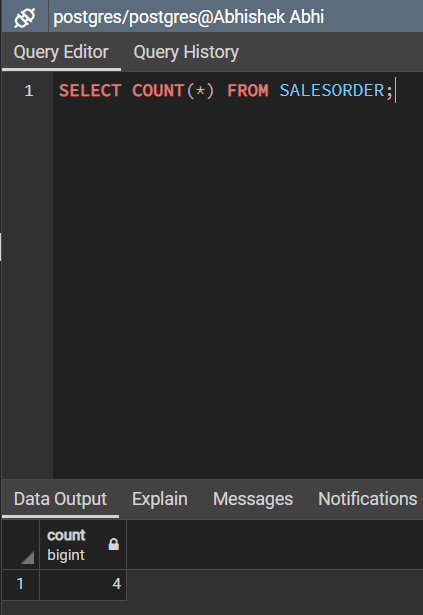
Find the products whose selling price is greater than 2000 and less than or equal to 5000:

****

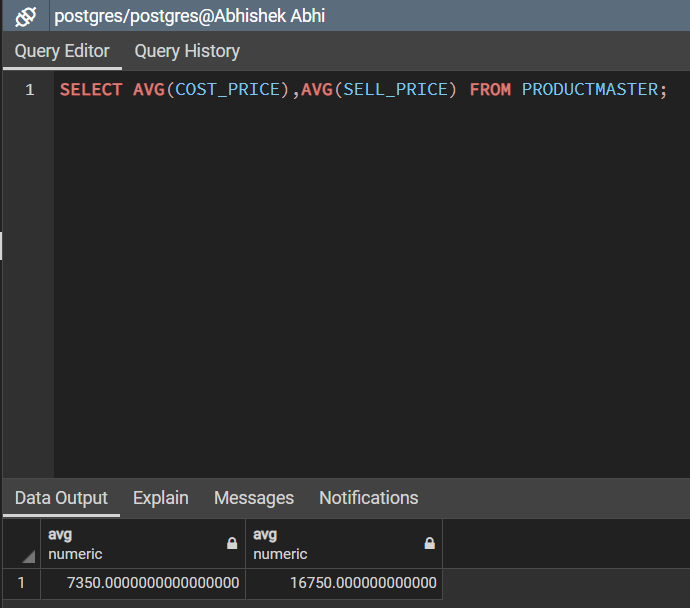
Find the products whose selling price is more than 1500. Calculate a new selling price as original selling price\* 0.15. Rename the new column in the above query as new\_price:

****

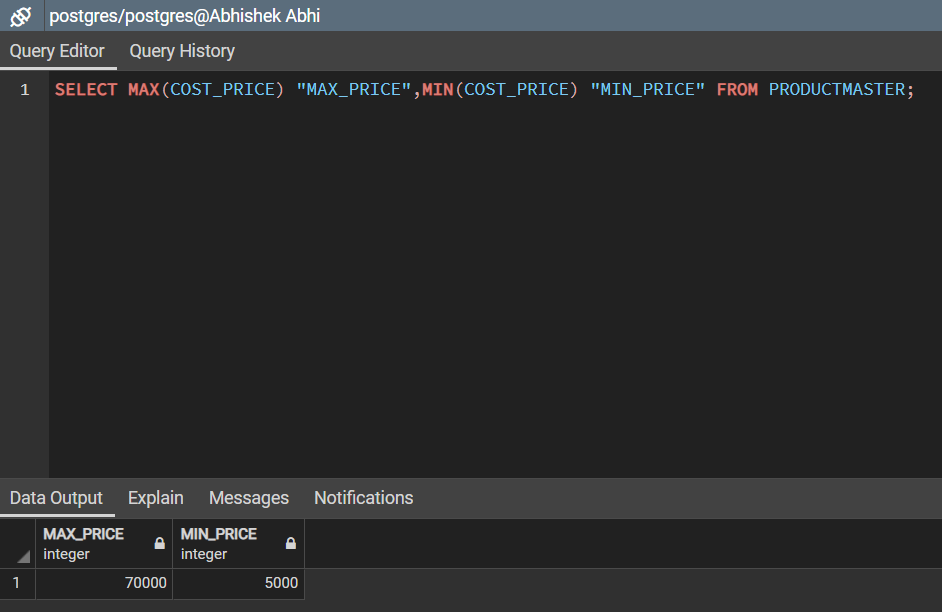
Count the total number of orders:

****

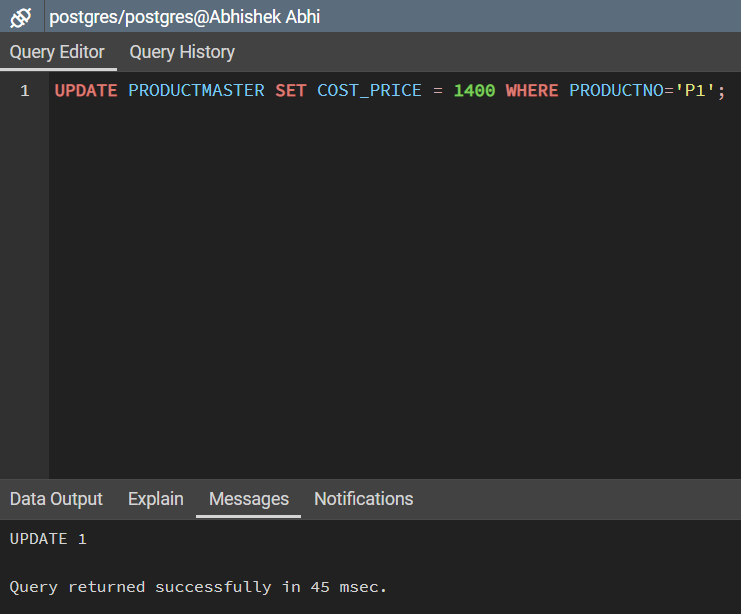
Calculate the average price of all the products:

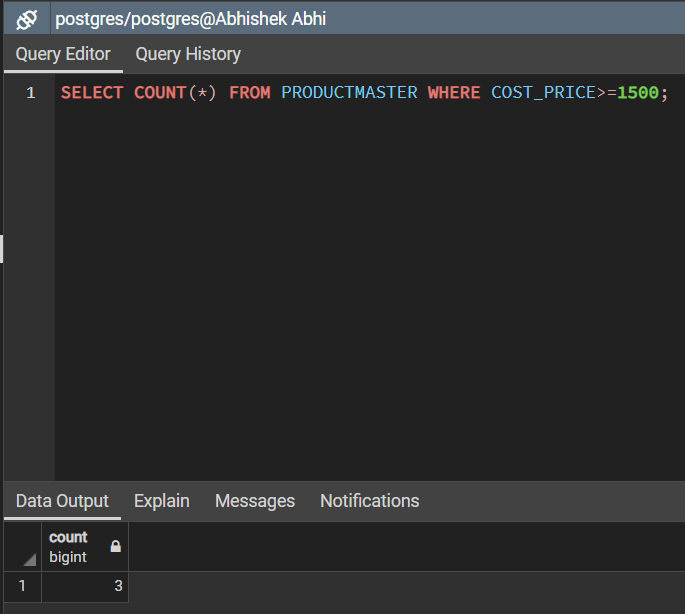
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Determine the maximum and minimum product prices. Rename the output as max\_price and min\_price respectively:

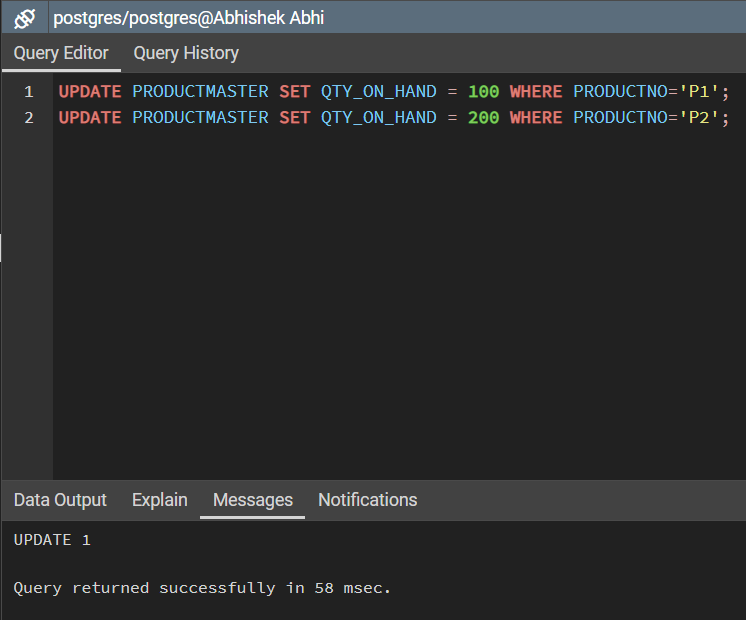
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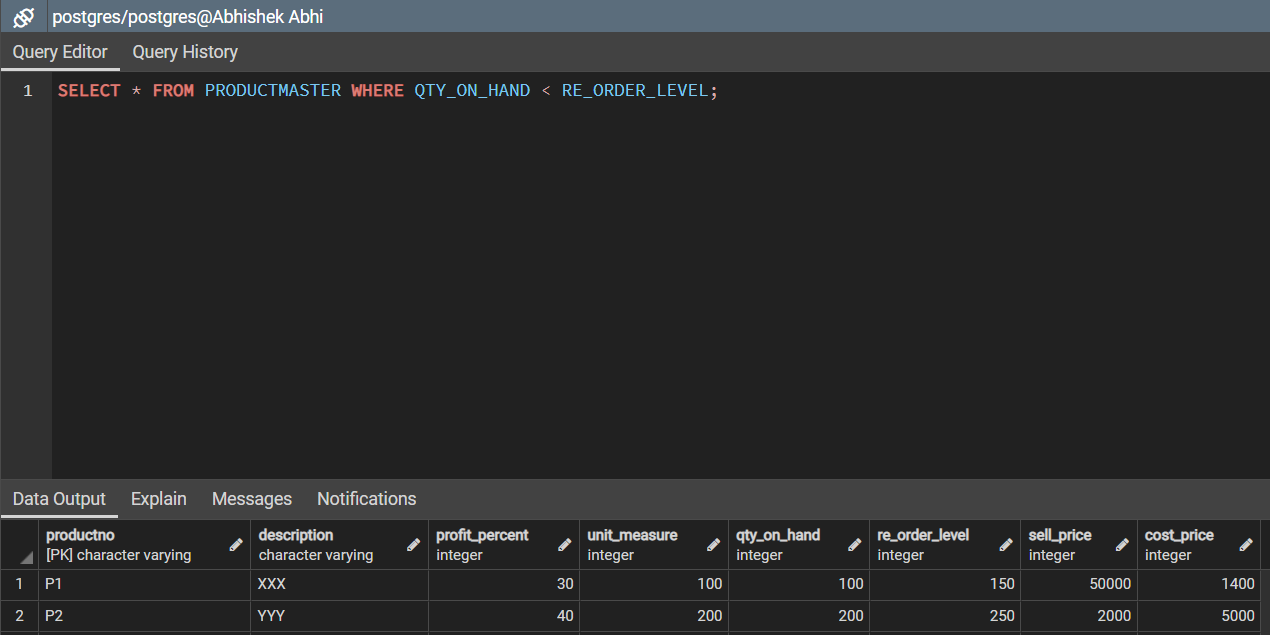
Count the number of products having price greater than or equal to 1500:

****

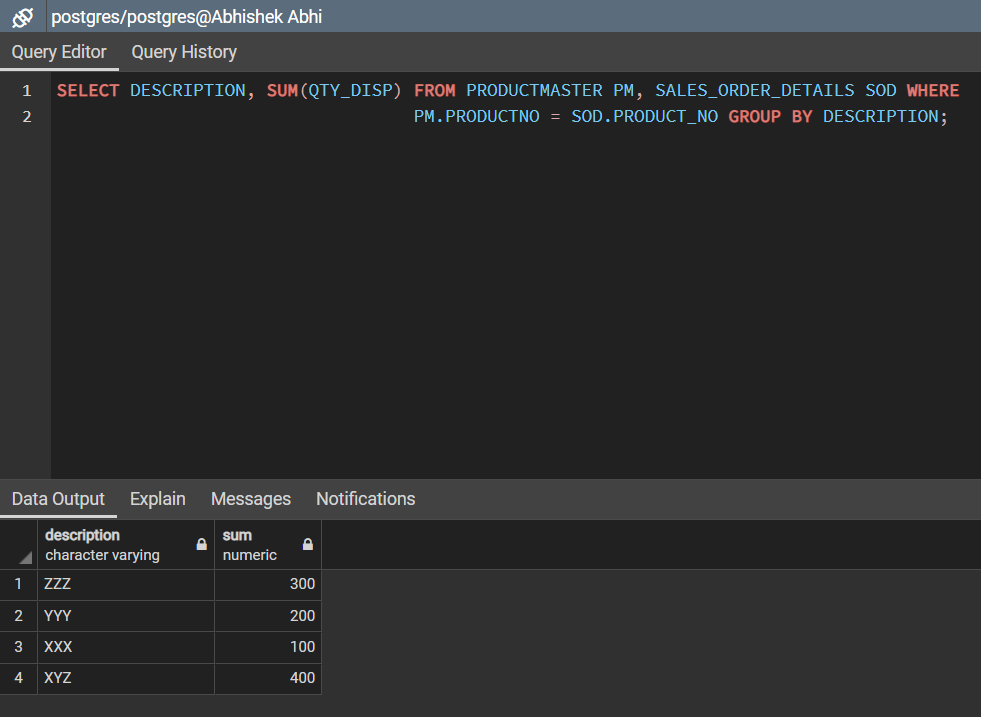
****

Find all the products whose qty\_on\_hand is less than reorder level:

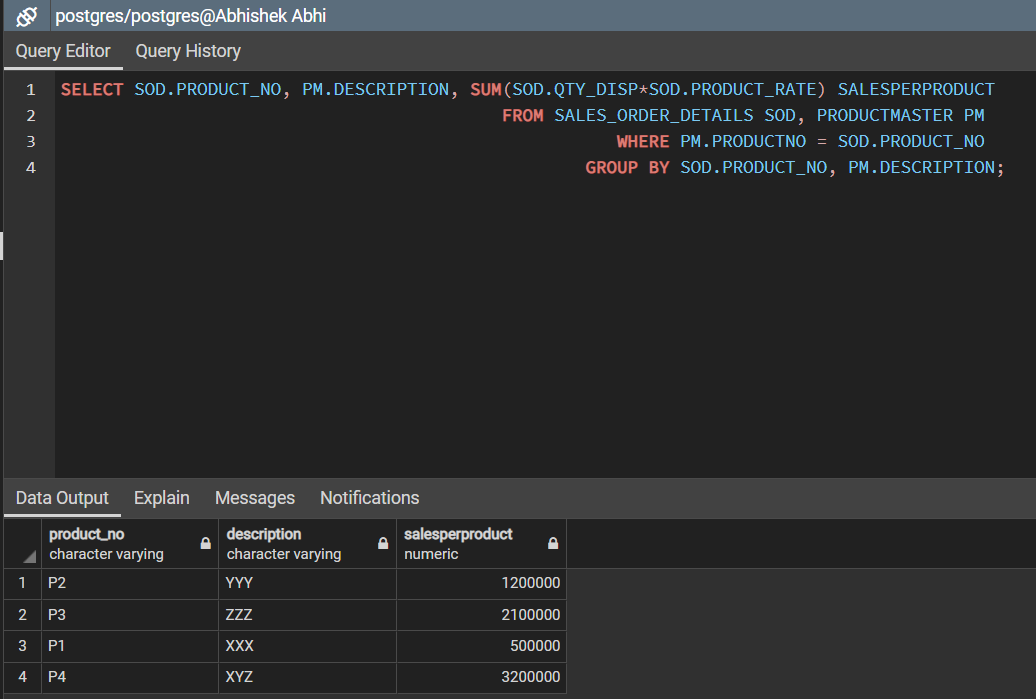
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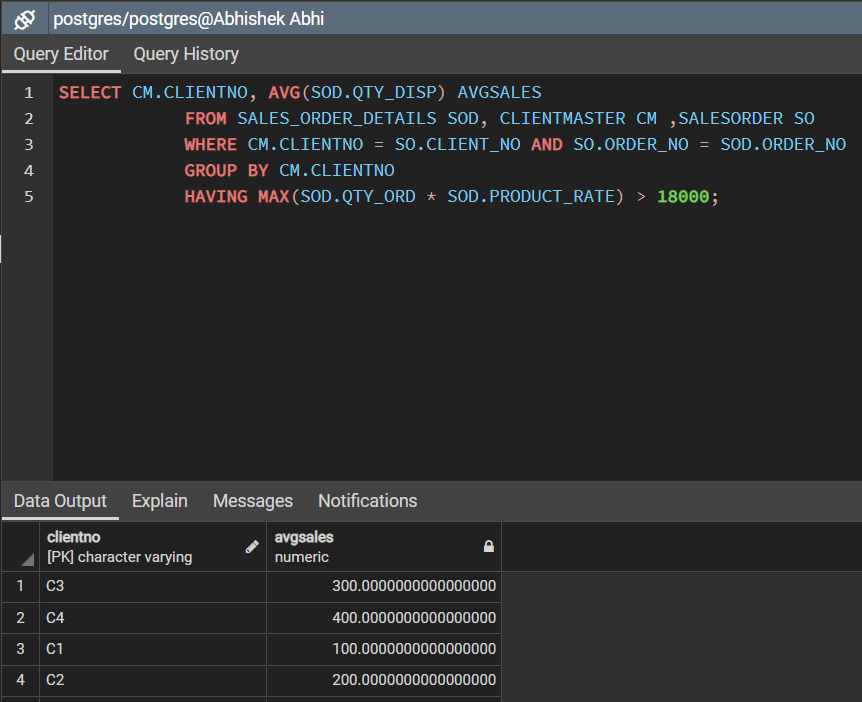
Print the description and total quantity sold for each product:

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Find the value of each product sold:

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Calculate the average quantity sold for each client that has a maximum order value of 18000.00:

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