***ORACLE ASSIGNMENT***

1)

1. Create the table as describe below

Table name : client\_master



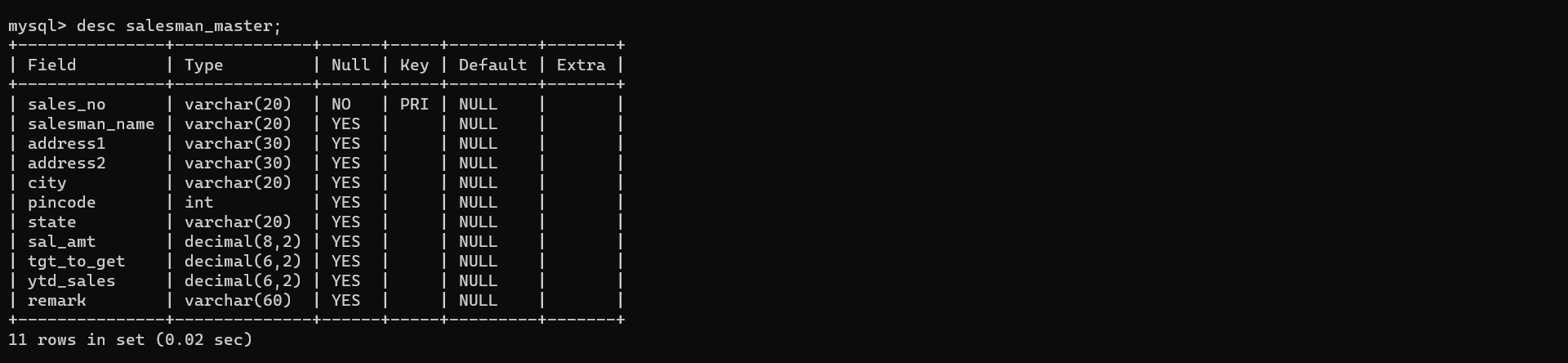
1. Create the table as describe below

Table name : product\_master



1. Create the table as describe below

Table name : salesman\_master

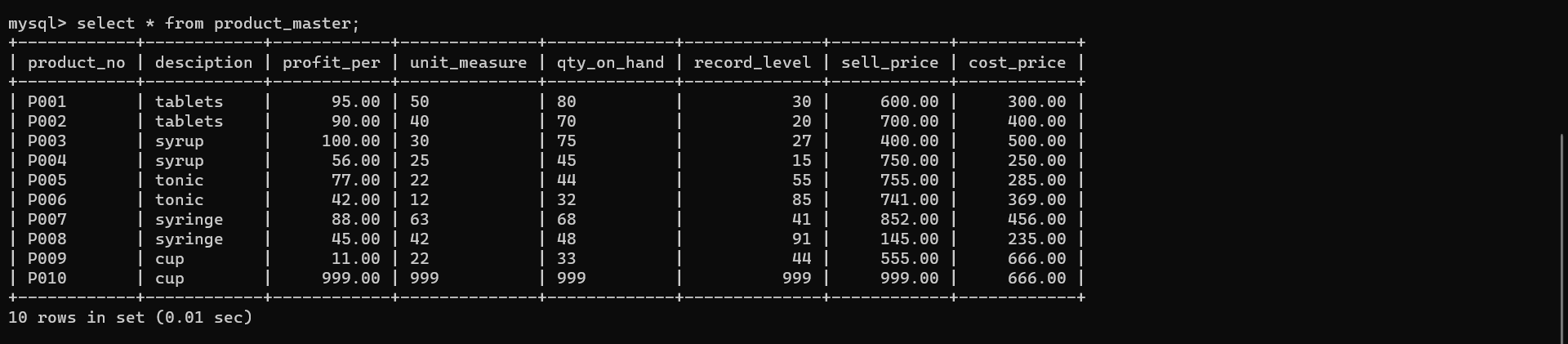


2)

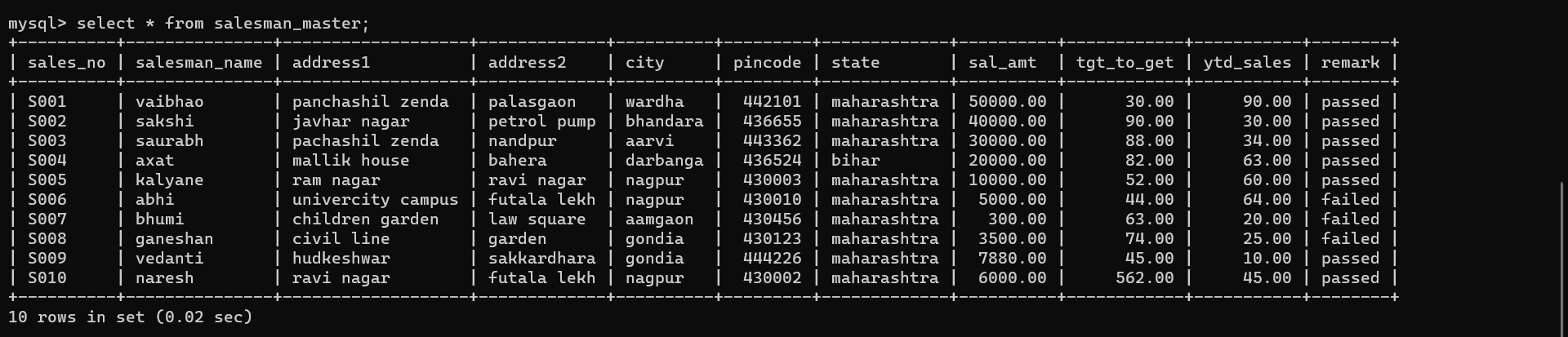
A) select \* from client\_master



B) select \* from product\_master



1. Select \* from salesman\_master



Read the question and write appropriate SQL statement as a answer

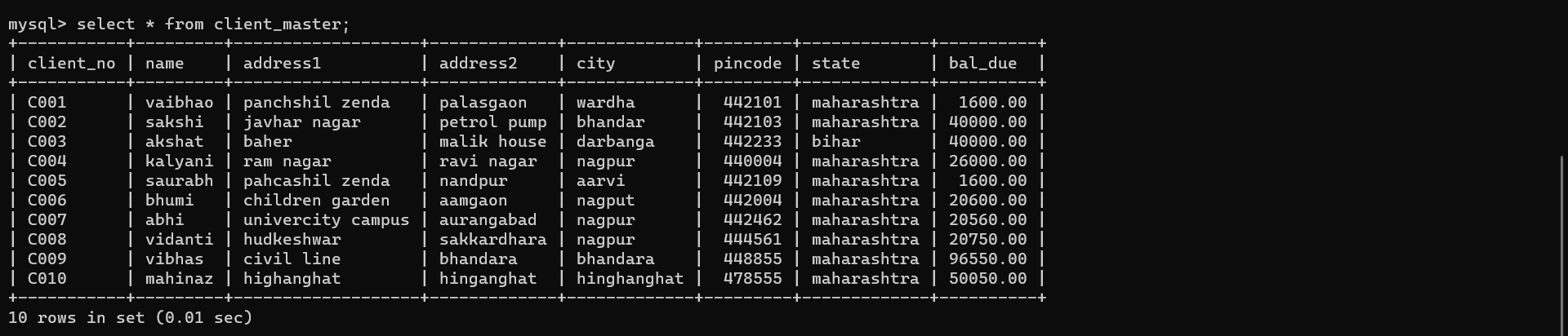
1. Exercise on retrieving record from the table
2. Find the name of all the client

select name from client\_master;



1. Retrieve the entire content of the client\_master table

select \* from client\_master;



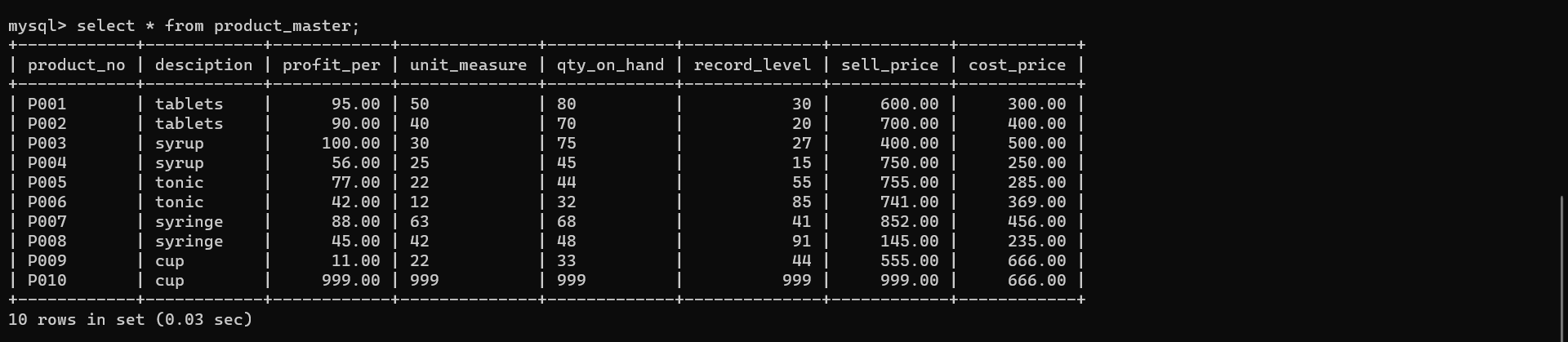
1. Retrieve the list of names and the cities of all the client

select name,city from client\_master;



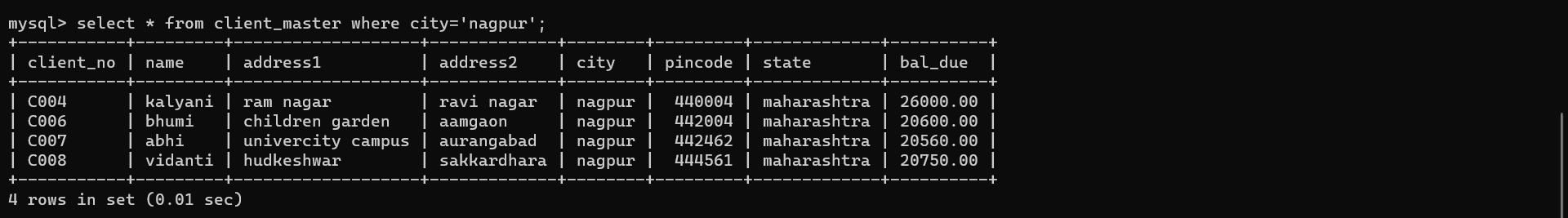
1. List the various product available from product\_master

select \* from product\_master;



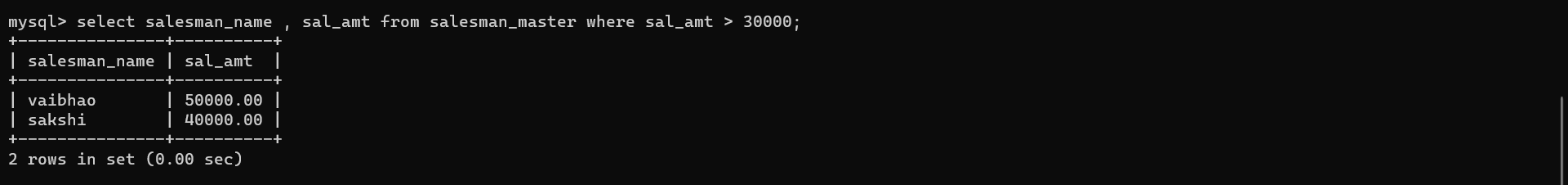
1. List all the client whose locate in Nagpur

select \* from client\_master where city='nagpur';



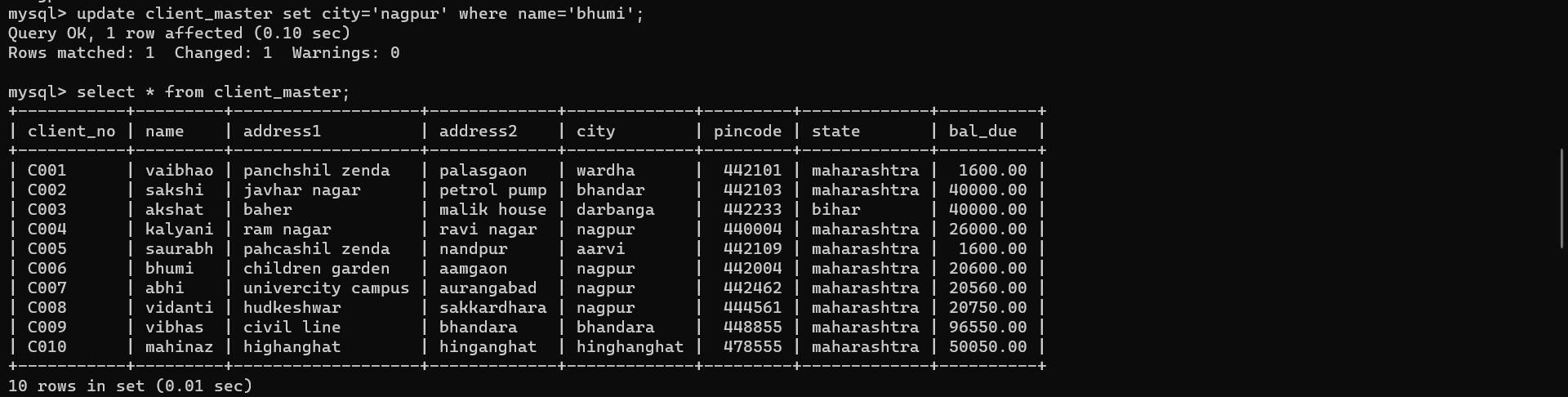
1. Find the name of the salesman who have the salary greater than RS.30000

select salesman\_name , sal\_amt from salesman\_master where sal\_amt > 30000;



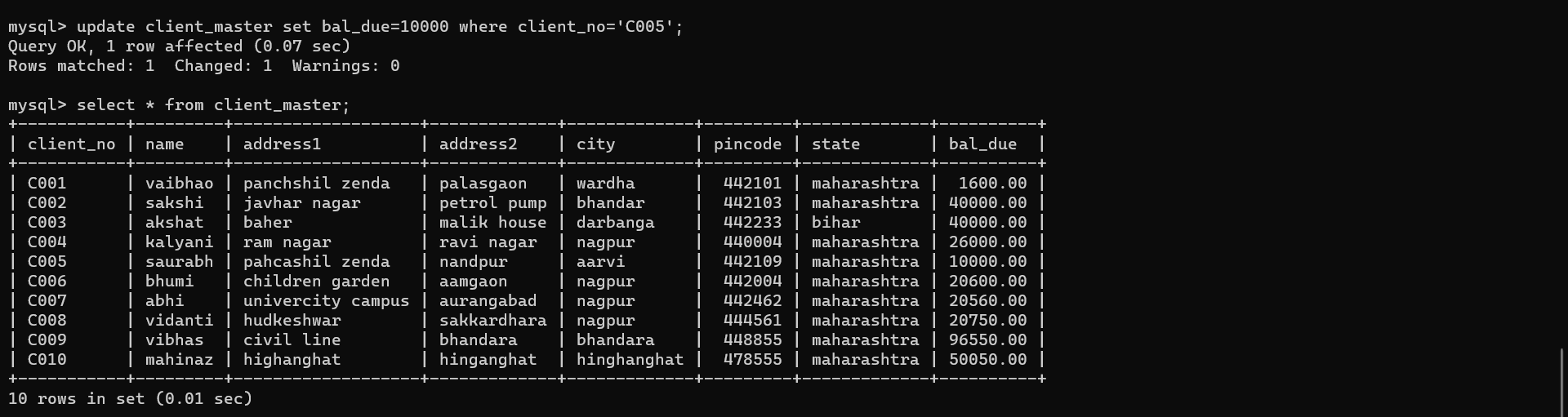
1. Exercise on update record in a table
2. Change the city of the name=bhumi to Nagpur

update client\_master set city='nagpur' where name='bhumi';

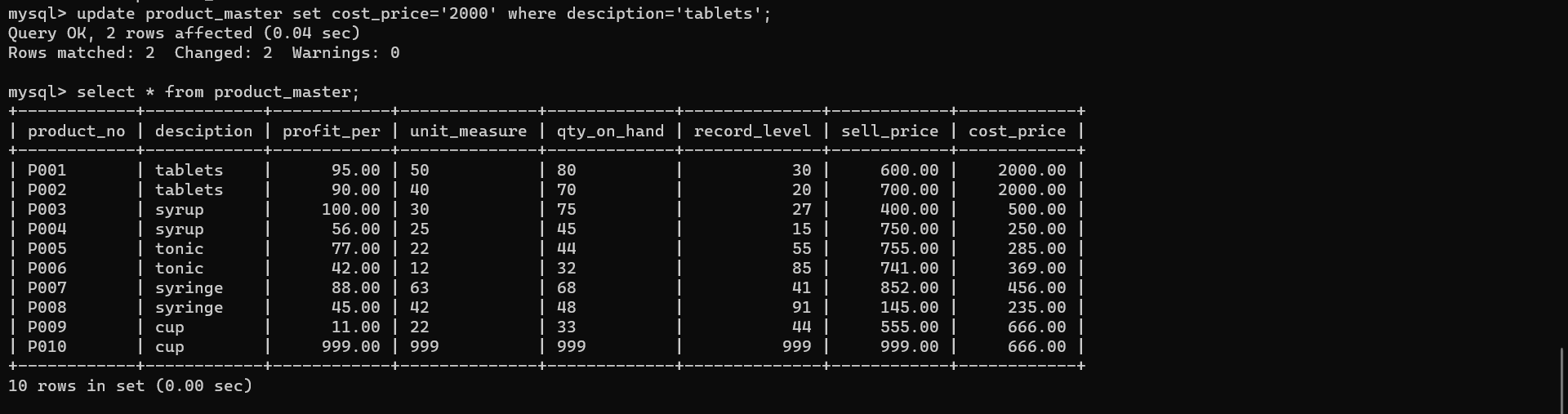


1. Change the bal\_due of client no\_C005 to RS10000

update client\_master set bal\_due=10000 where client\_no='C005';

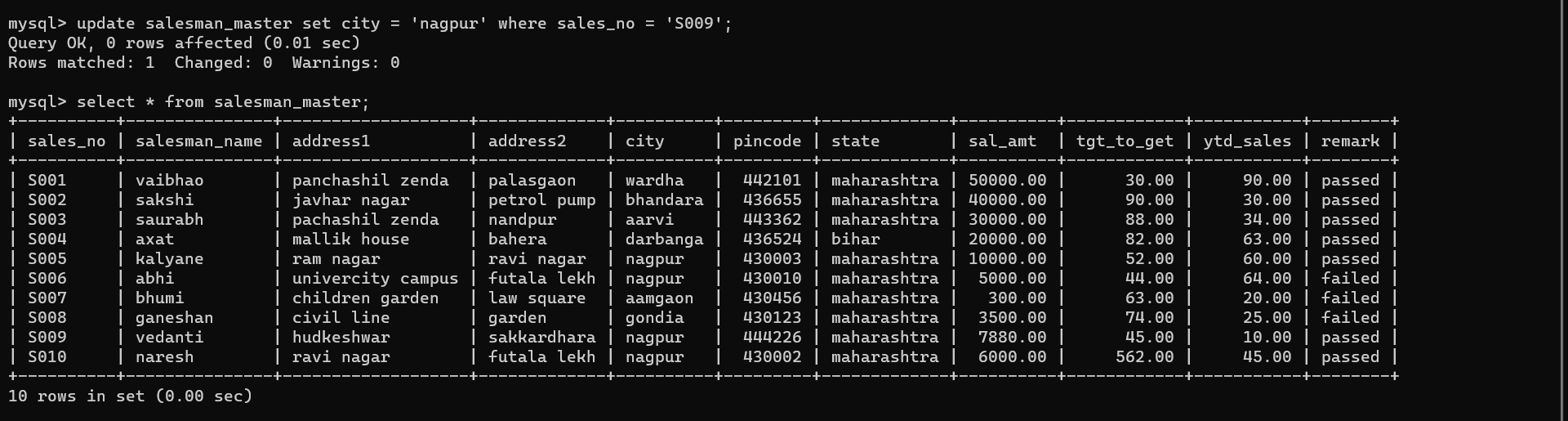


1. Change the cost\_price of tablet to RS 2000

update product\_master set cost\_price='2000' where desciption='tablets'; 

1. Change the city of the salesman to Nagpur salesman\_no =S009

update salesman\_master set city='nagpur' where sales\_no='S009';



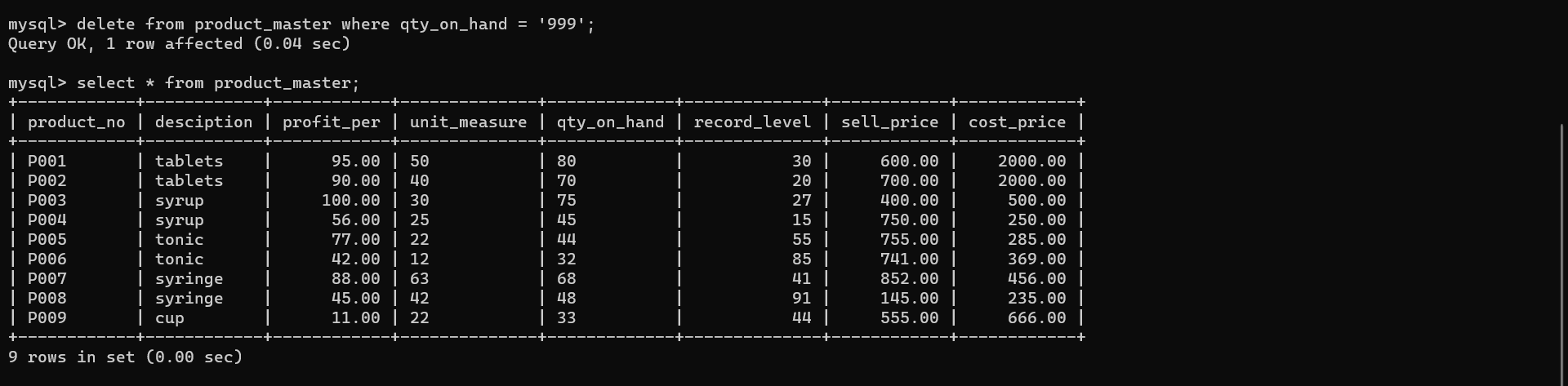
1. Exercise on deleting records in a table
2. Delete all the salesman from salesman\_master whose salary are equal to RS6000

delete from salesman\_master where sal\_amt=6000;



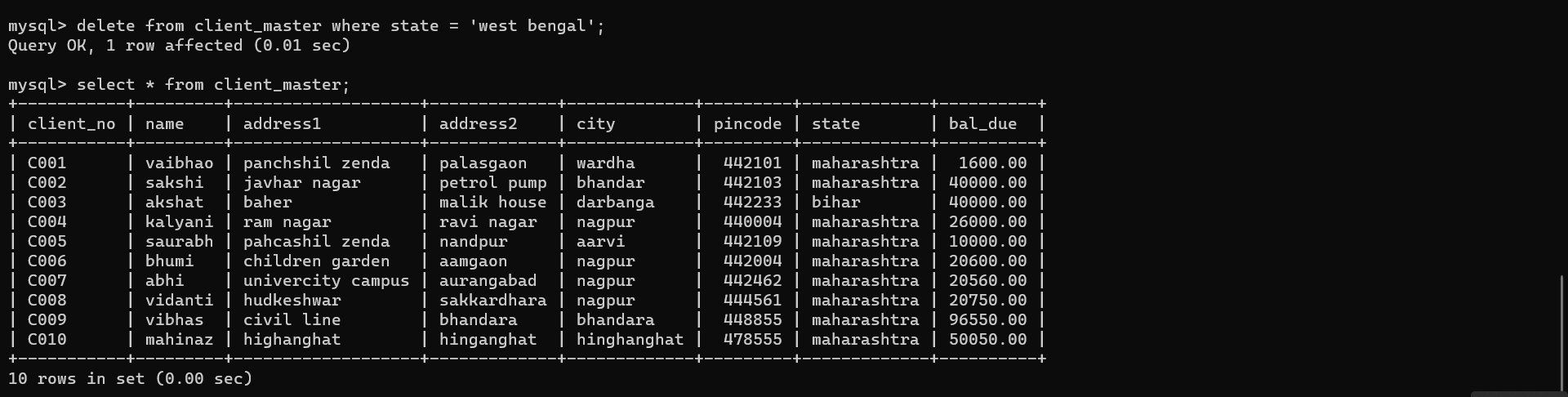
1. Delete all the product from the product\_master where the quantity on hand is equal to 100

delete from product\_master where qty\_on\_hand = '999';



1. Delete all the client where state is west Bengal

delete from client\_master where state = 'west bengal';



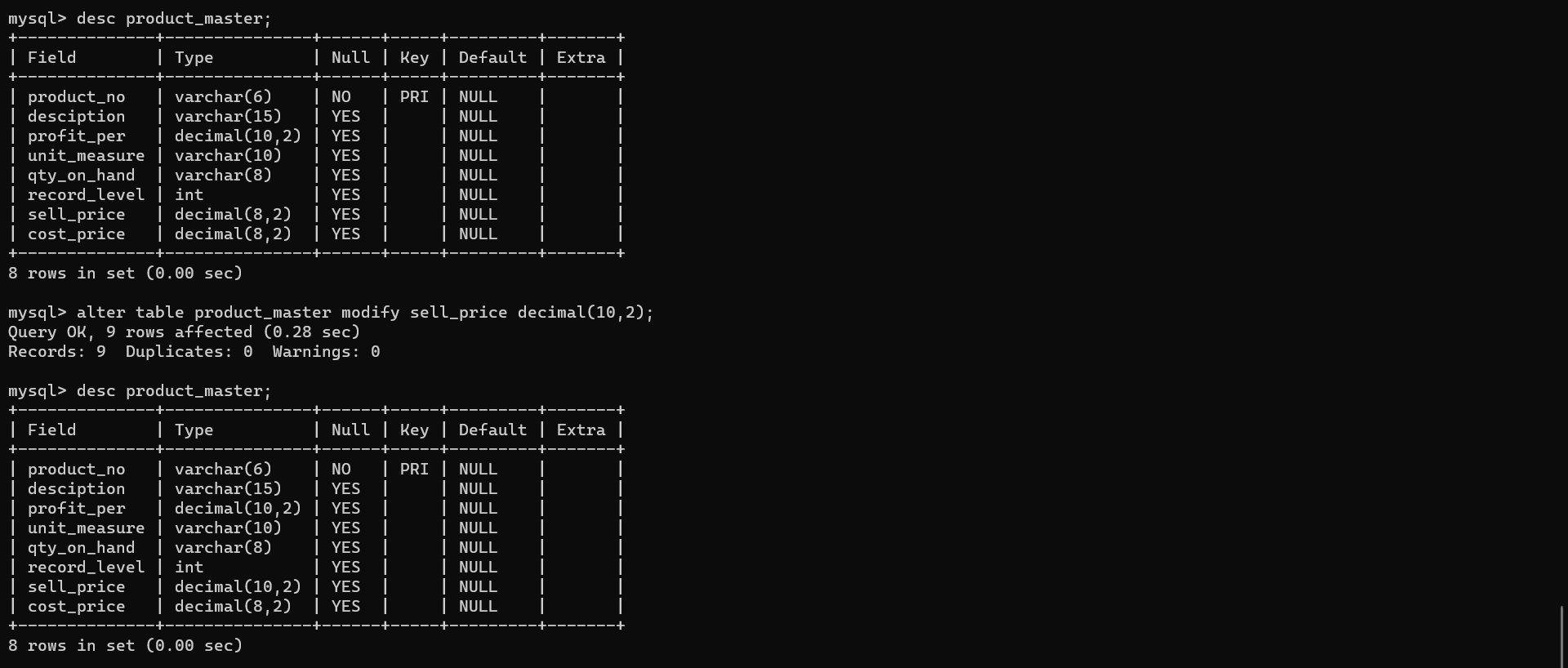
1. Exercise on altering the table structure
2. Add the column telephone of data type int and size=10

alter table client\_master add telephone int(10);



1. Change all size of sell\_price column in product\_master to 10,2

alter table product\_master modify sell\_price decimal(10,2);



1. Destroy the table client\_master long with its data

drop table client\_master;



B)

2) Exercise on retrieving from a table after computing table data

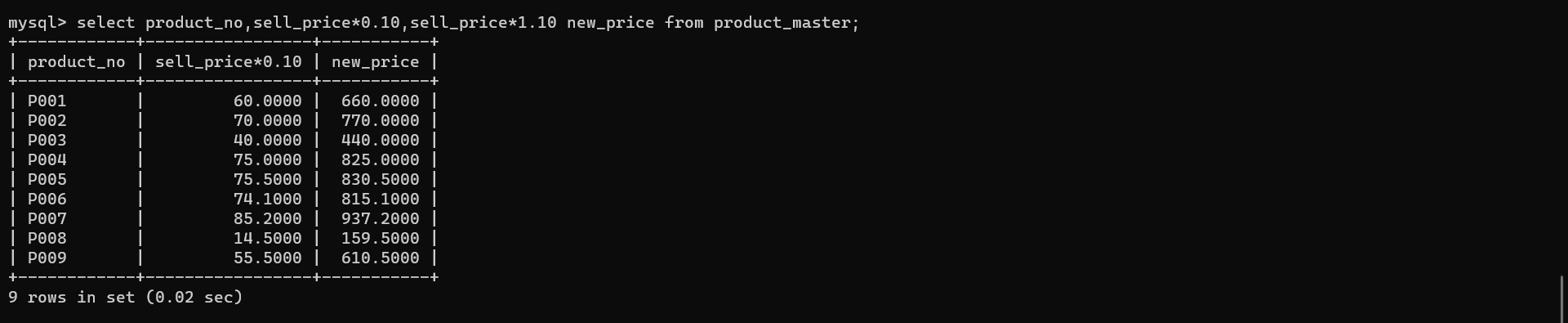
a) Retrieve the contents of the column product\_no,descriptiom and compute 10% of values content in the column sell\_price and 110% of values contents in the column sell\_price for each row from the table product master.

select product\_no,sell\_price\*0.10 new\_price from product\_master;



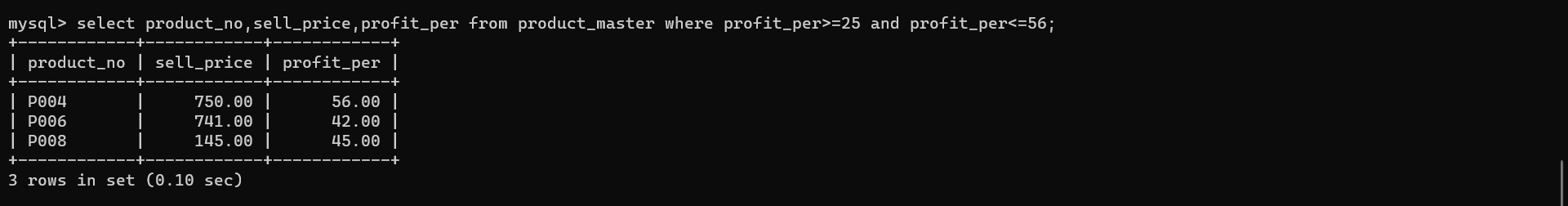
1. Execute the above command by just renaming the column name as increase price and new price respectively.

Select product\_no,sell\_price\*0.10,sell\_price\*1.10 new\_price from product\_master



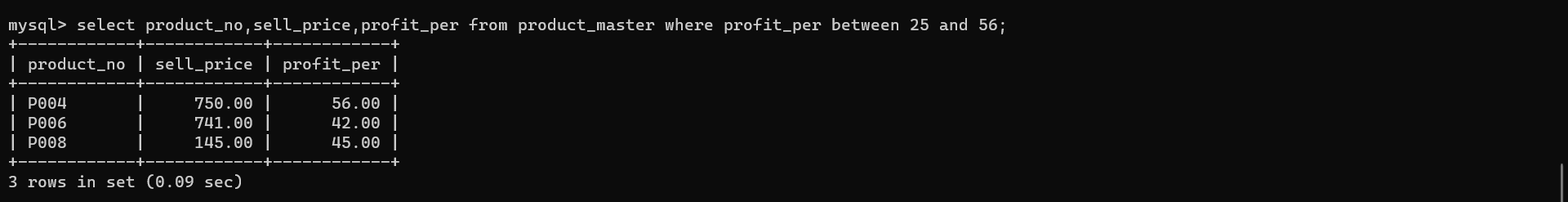
1. c) Retrieve the contents of the column product\_no description profit\_per,sell\_price from the table product\_master where the values contain in the field profit\_per is between 25 and 56 both inclusive

select product\_no,sell\_price,profit\_per from product\_master where profit\_per>=25 and profit\_per<=56



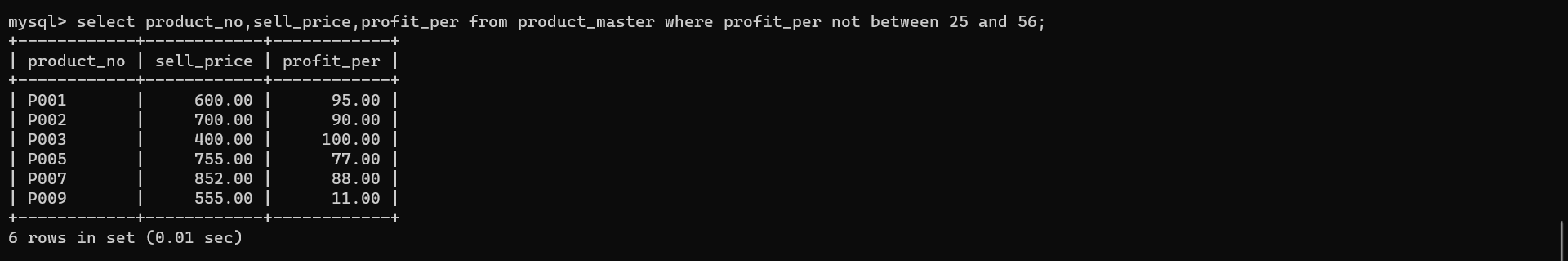
1. d) Retrieve the contents of the column product\_no,description profit\_per,sell\_price from the table product\_master where the values contained in the field profit\_per is between 25 and 56 inclusive

select product\_no,sell\_price,profit\_per from product\_master where profit\_per between 25 and 56;



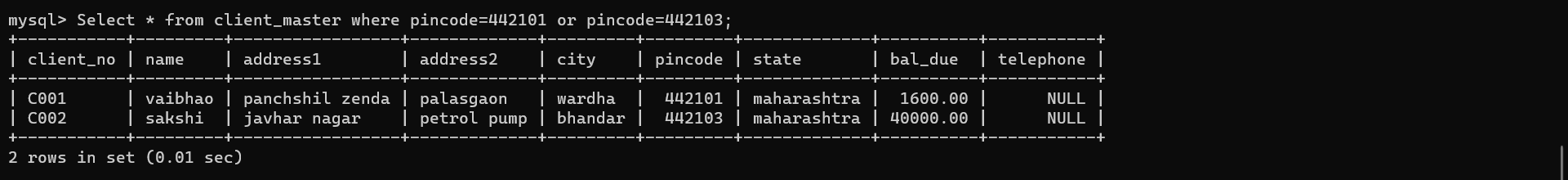
1. e) Retrieve the contents of the column product\_no desctiption profit\_per,sell\_price from the table product\_master where the values contained in the field profit\_per is not between 25 and 56

select product\_no,sell\_price,profit\_per from product\_master where profit\_per not between 25 and 56;



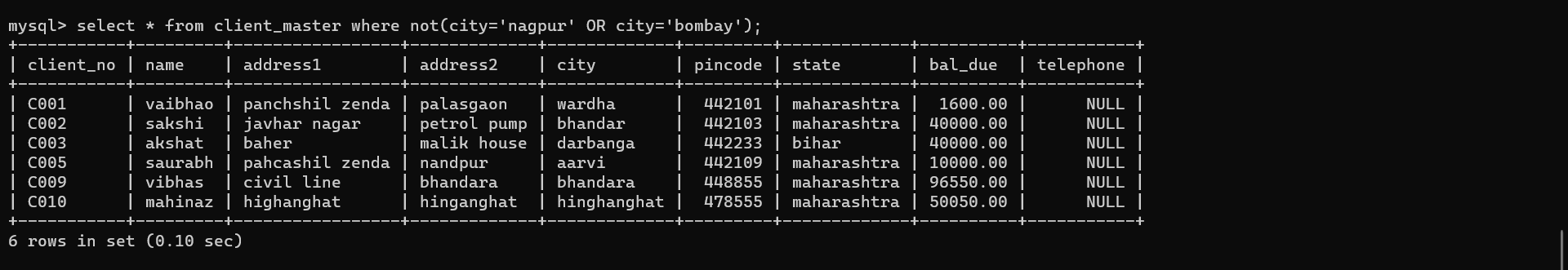
1. Retrieve the client information from the table client\_master where the pin code values contain 442101 or 447788

Select \* from client\_master where pincode=442101 or pincode=442103;



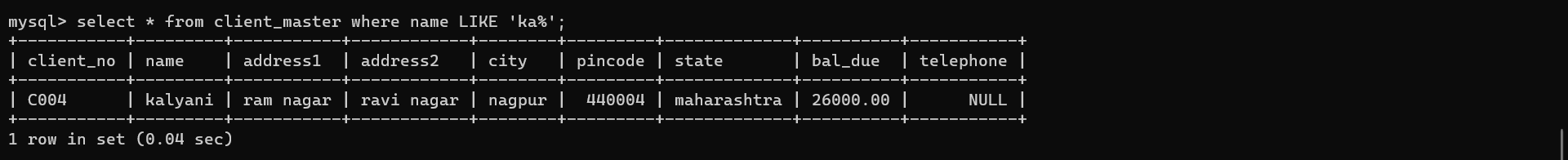
1. Retrieve the client information from the table client\_master where the client those who are not in ‘nagpur’ or ‘bombay’

Select \* from client\_master where not(city=’nagpur’ OR city=’bombay’);



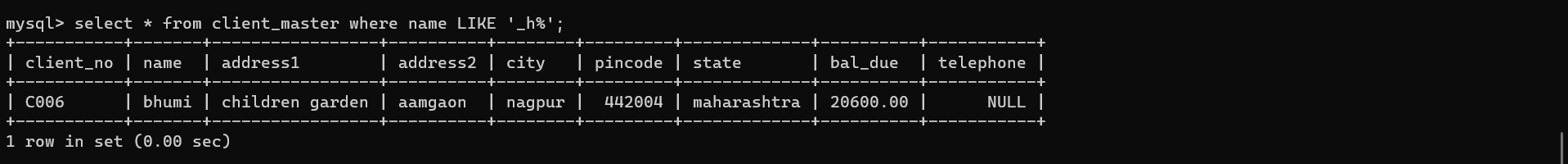
1. Retrieve the information of supplier whose name is being with the letter ‘ka’ from client\_master

select \* from client\_master where name LIKE ‘ka%;



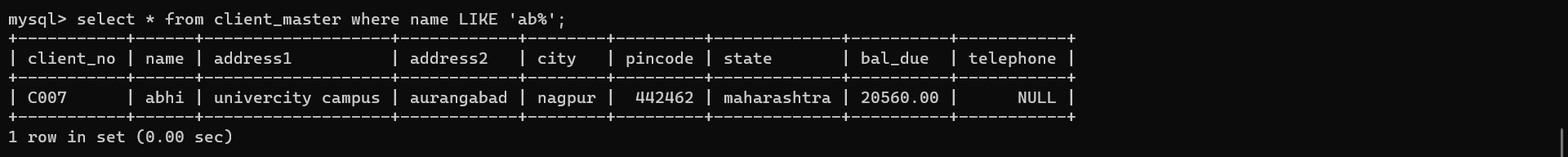
1. Retrieve the information of supplier whose name is where the second character of name are either ‘a’ or ‘h’ from the table supplier

select \* from client\_master where name LIKE '\_h%';



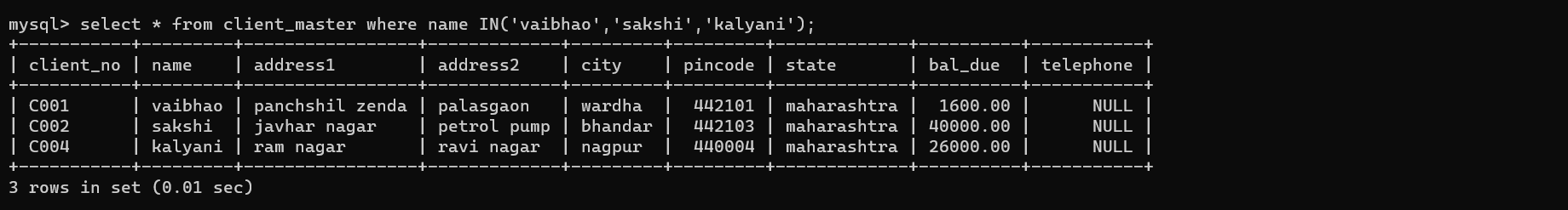
1. Retrieve the information of supplier whose name is begins with the letter ‘ab’ and length of name should be 3 char long from the table supplier master

select \* from client\_master where name LIKE 'ab%';



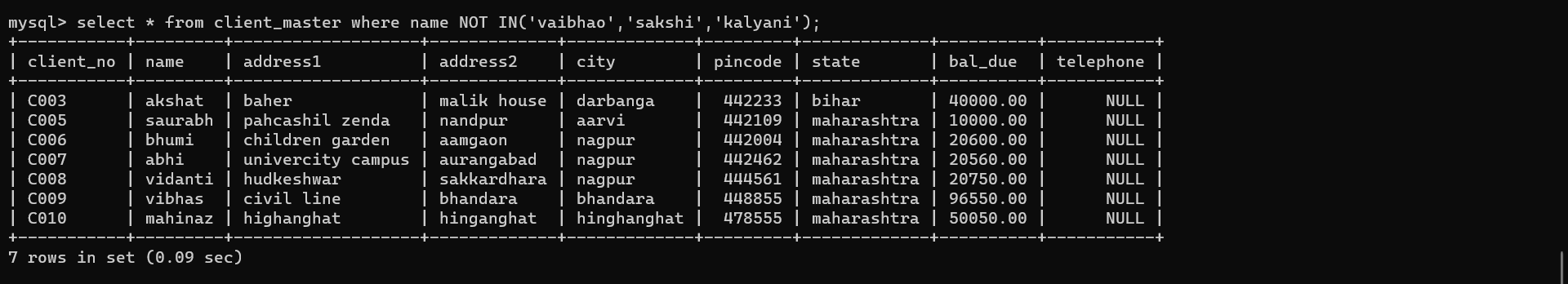
1. Retrieve the information of supplier where the supplier name is either ‘vaibhao’,’sakshi’,’kalyani’

select \* from client\_master where name IN('vaibhao','sakshi','kalyani');



1. Retrieve the information of supplier where supplier name are other than ‘vaibhao’,’sakshi,’kalyani’

select \* from client\_master where name NOT IN('vaibhao','sakshi','kalyani');



C)

1) Retrieve the product number and quality order for each quantity order for each product from sales\_order\_details table

a) Sales\_order\_details

i) order number

select order\_no from sales\_order\_details;



ii) product\_no

select product\_no from sales\_order\_details;



iii) qty\_ordered

select qty\_ordered from sales\_order\_details;



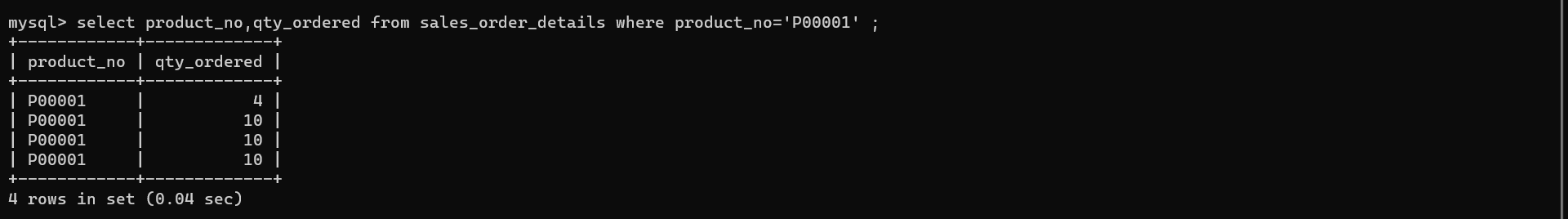
iv) qty\_disp

select qty\_disp from sales\_order\_details;



4) retrieve the product number and quantity ordered for product ‘P00001’ from sales\_order\_details

select product\_no,qty\_ordered from sales\_order\_details where product\_no='P00001' ;



5) add the pk constrain on the coloum supply\_no belong to the order\_no

alter table sales\_order\_details add primary key (order\_no)



6) add fk constrain on the column order\_no belong to the sales\_order\_details which reference the table sales\_order.modify qty\_ordered to include not null constrain

Alter table sales\_order\_details add constrain order\_fkey foreign key(order\_no) references sales\_order modify (qty\_ordered number(8) not null)

