Banaras Hindu University

DBMS
5TH SEM PRACTICAL WORK

2023-2024

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PANDEY SIR

ROLL NO. = 21229CMP004

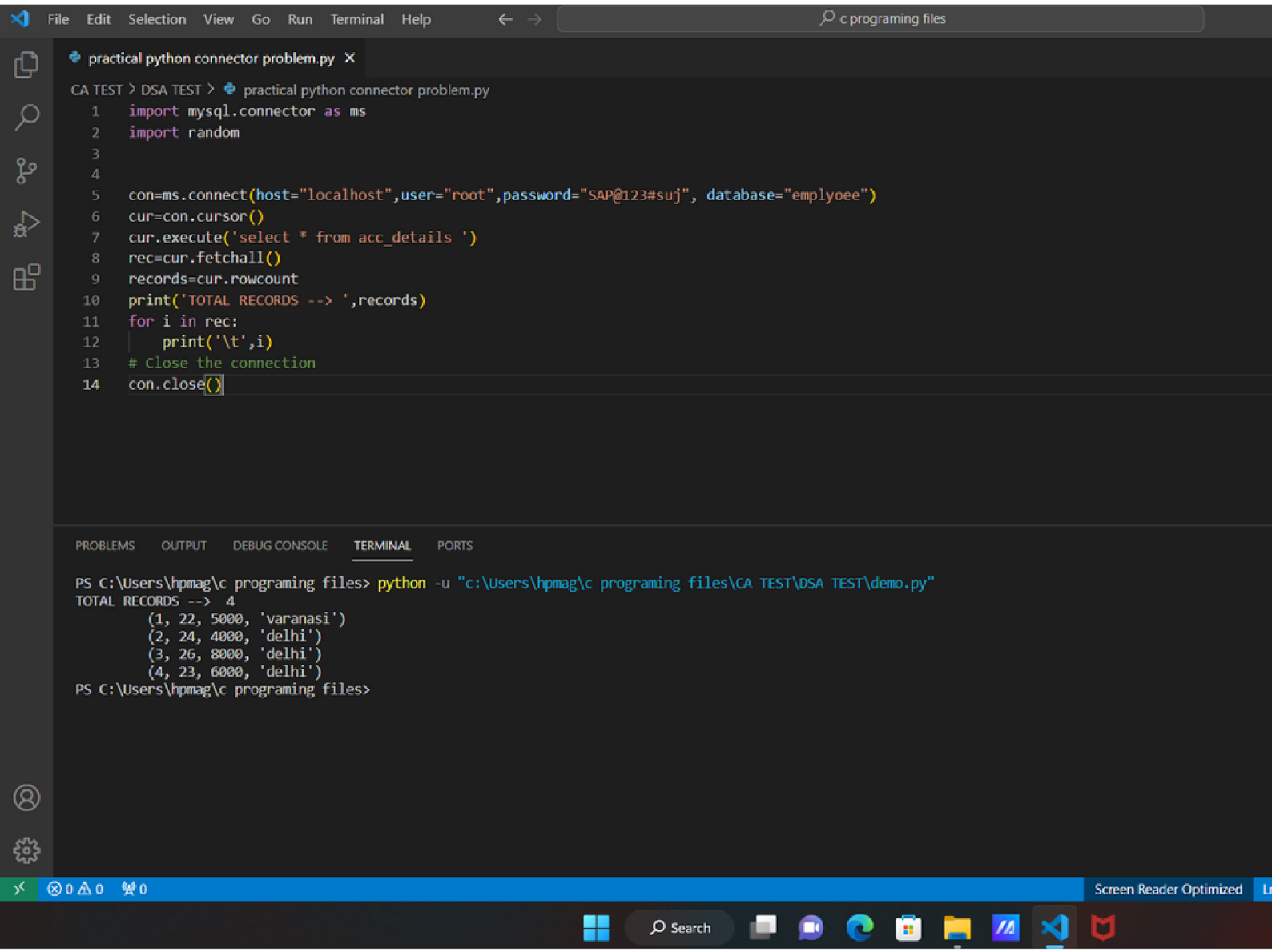
SOLUTION CODE

```
import mysql.connector as ms
import random

con=ms.connect(host="localhost",user="root",password="SAP@123#suj",
database="emplyoee")
cur=con.cursor()
cur.execute('select * from acc_details ')
rec=cur.fetchall()
records=cur.rowcount
print('TOTAL RECORDS --> ',records)
for i in rec:
  print('\t',i)
# Close the connection
con.close()
```

OUTPUT

```
PS C:\Users\hpmag> python -u "c:\Users\hpmag\OneDrive\Documents\practical python connector
problem.py"
TOTAL RECORDS -->  4
    (1, 22, 5000, 'varanasi')
    (2, 24, 4000, 'delhi')
    (3, 26, 8000, 'delhi')
    (4, 23, 6000, 'delhi')
PS C:\Users\hpmag>
```


File Edit Selection View Go Run Terminal Help
c programing files
practical python connector problem.py
CA TEST > DSA TEST > practical python connector problem.py
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import random
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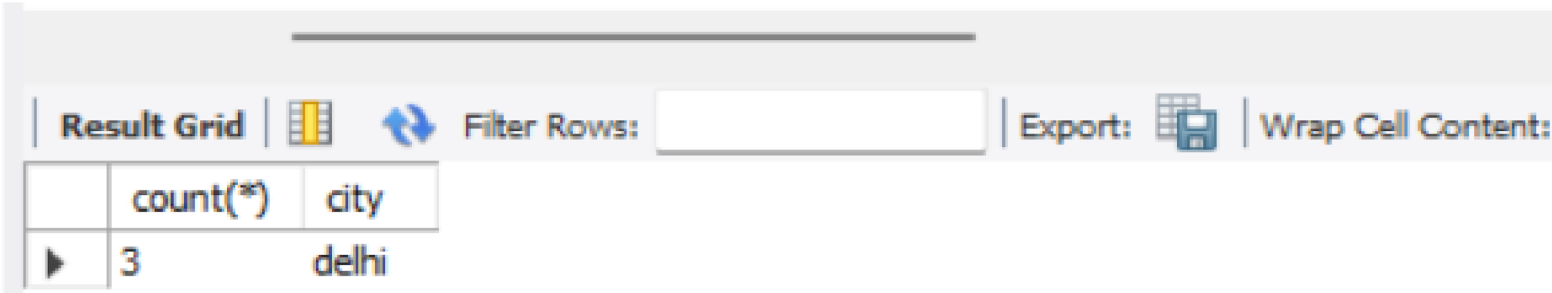
# Close the connection
con.close()
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\hpmag\c programing files> python -u "c:\Users\hpmag\c programing files\CA TEST\DSA TEST\demo.py"
TOTAL RECORDS --> 4
(1, 22, 5000, 'varanasi')
(2, 24, 4000, 'delhi')
(3, 26, 8000, 'delhi')
(4, 23, 6000, 'delhi')
PS C:\Users\hpmag\c programing files>
Screen Reader Optimized
Search

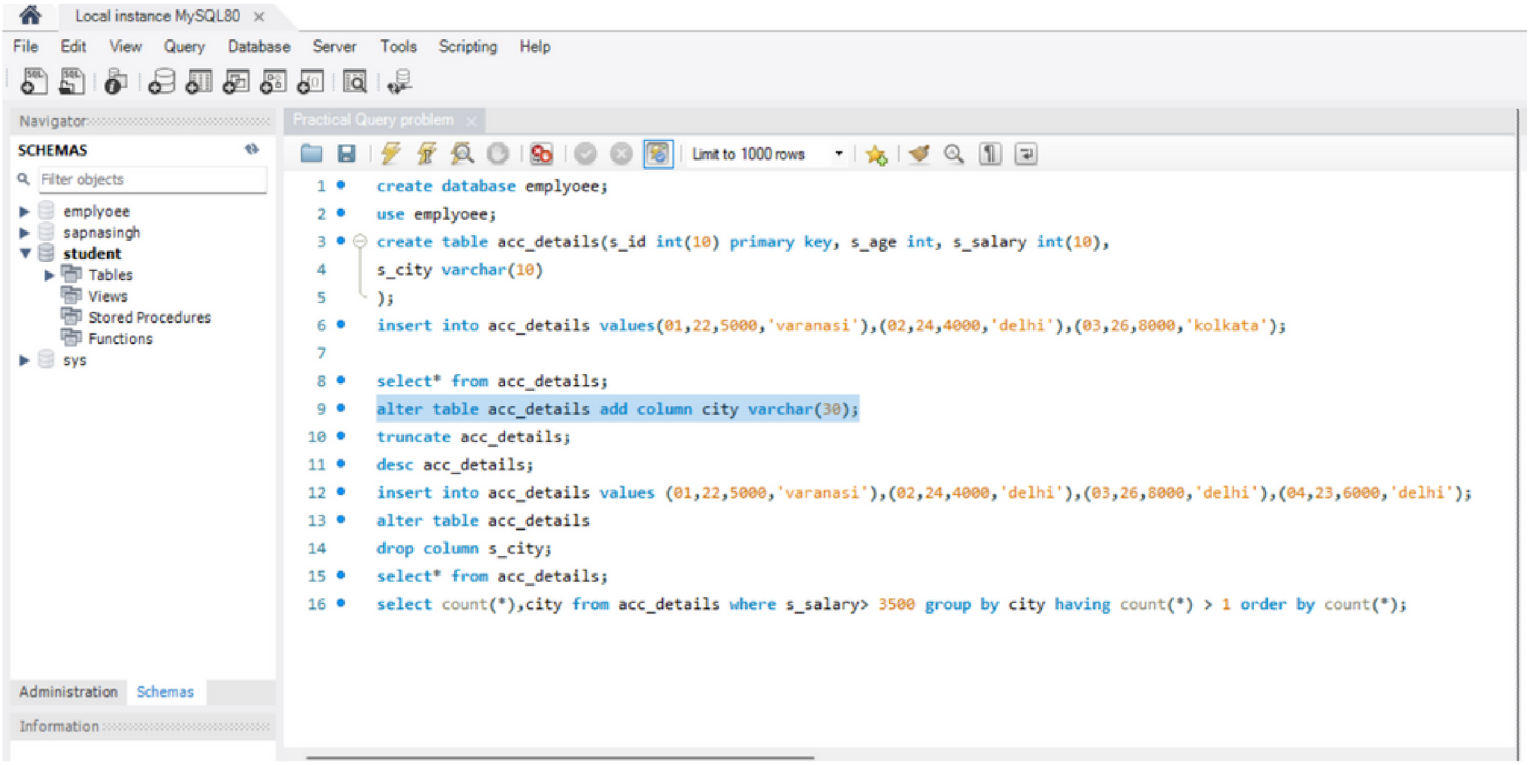
1. PROBLEM QUERY

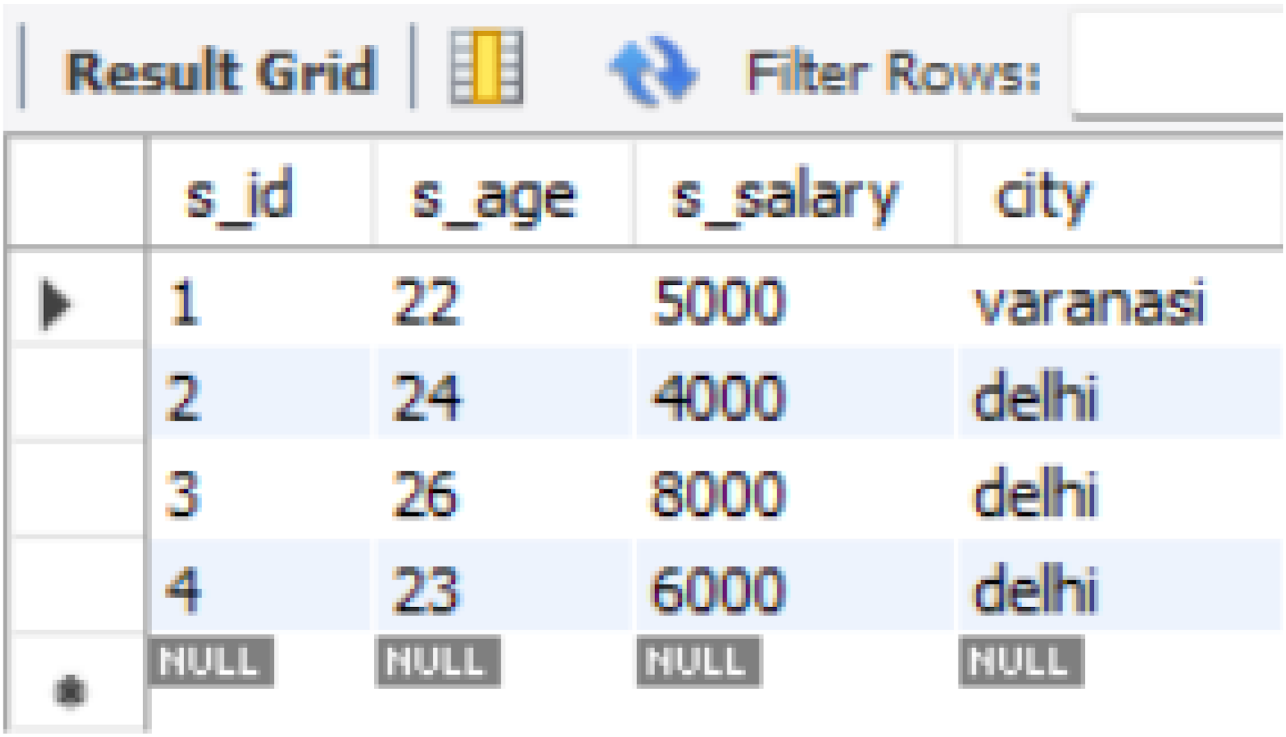
```
create database emplyoee;
use emplyoee;
create table acc_details(s_id int(10) primary key, s_age int, s_salary int(10),
s_city varchar(10)
);
insert into acc_details values(01,22,5000,'varanasi'),(02,24,4000,'delhi'),(03,26,8000,'kolkata');

select* from acc_details;
alter table acc_details add column city varchar(30);
truncate acc_details;
desc acc_details;
insert into acc_details values (01,22,5000,'varanasi'),(02,24,4000,'delhi'),(03,26,8000,'delhi'),
(04,23,6000,'delhi');
alter table acc_details
drop column s_city;
select* from acc_details;
select count(*),city from acc_details where s_salary> 3500 group by city having count(*) > 1 order by
count(*);
```

OUTPUT



	count(*)	city
▶	3	delhi


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
emplyoee
sapnasingh
student
Tables
Views
Stored Procedures
Functions
sys
Administration Schemas
Information
Practical Query problem
Limit to 1000 rows
1 create database emplyoee;
2 use emplyoee;
3 create table acc_details(s_id int(10) primary key, s_age int, s_salary int(10),
4 s_city varchar(10)
5);
6 insert into acc_details values(01,22,5000,'varanasi'),(02,24,4000,'delhi'),(03,26,8000,'kolkata');
7
8 select* from acc_details;
9 alter table acc_details add column city varchar(30);
10 truncate acc_details;
11 desc acc_details;
12 insert into acc_details values (01,22,5000,'varanasi'),(02,24,4000,'delhi'),(03,26,8000,'delhi'),(04,23,6000,'delhi');
13 alter table acc_details
14 drop column s_city;
15 select* from acc_details;
16 select count(*),city from acc_details where s_salary> 3500 group by city having count(*) > 1 order by count(*);


Result Grid
Filter Rows:
s_id s_age s_salary city
1 22 5000 varanasi
2 24 4000 delhi
3 26 8000 delhi
4 23 6000 delhi
NULL NULL NULL NULL

THANK YOU!!