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```
drop table employee1;
```

```
create table employee1(emp_name varchar(15),ssn int primary key  
not null,address varchar(30) ,salary float,superssn int, dob date);
```

```
insert into employee1 values('Myst  
Min',111,'Yangon',50000,114,'1995-02-03'),  
('Aung Lin',112,'Phaan',40000,111,'1992-05-10')  
,('Thein Than',113,'Yangon',25000,112,'1997-10-05')  
,('Nyo Nyo',114,'Mawlamyine',43000,111,'1990-12-01'),  
('Swe Zin',115,'Mandalay',38000,112,'2000-03-03'),  
('Aye Myint',116,'Mandalay',25000,111,'1990-01-01');
```

```
drop table project;
```

```
create table project(pno int primary key not null ,pname  
varchar(15));
```

```
insert into project values(1,'projectX'),(2,'ProjectY'),(3,'ProjectZ');
```

```
select*from project;
```

```
/*
```

```
drop table works_on;
```

```
create table works_on(pno int , ssn int, hours int,
```

```
foreign key (pno) references project(pno),foreign key(ssn) references  
employee1(ssn));
```

```

insert into works_on values (111,1,11),(113,1,15),(116,1,13),
(111,2,9),(114,2,20),(112,3,20),(115,3,18);

select * from works_on;

*/

```

```

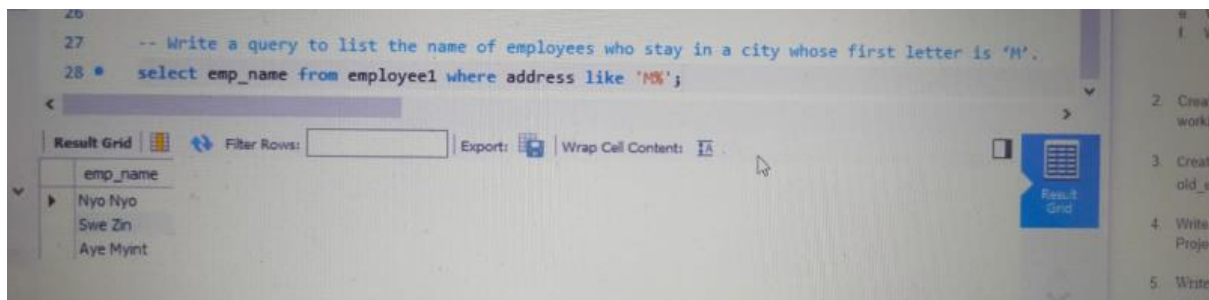
create table works_on(Pno int, Ssn int, Hours int);

insert into works_on values (111,1,11),(113,1,15),(116,1,13),
(111,2,9),(114,2,20),(112,3,20),(115,3,18);

```

-- Write a query to list the name of employees who stay in a city whose first letter is 'M'.

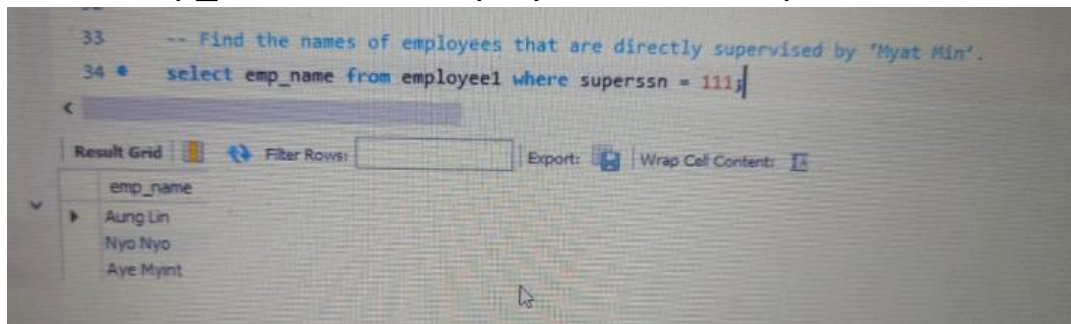
```
select emp_name from employee1 where address like 'M%';
```



-- Write a query that shows project name and total number of employee in each project with the alias "PROJECT NAME", "NUMBER OF EMPLOYEE".

-- Find the names of employees that are directly supervised by 'Myat Min'.

select emp_name from employee1 where superssn = 111;



-- Write a query that shows name, project name and total number of hours working on projects of employees.

-- Write a query to display sum of salaries based on project ?

-- Write a query that displays the project name and his name whose SSN is 113.

-- Create a view called projecinfo which displays the name and hours of each employee who are working in project 1.

-- Q3) Create after delete trigger to save the deleted employee information from employee table to old_employee table (create old_employee)

```
create table old_employee
(name varchar(15),ssn int primary key,
address varchar(30),salary float,superssn int,DOB date);
```

```
drop trigger if exists delete_employee;
```

```
delimiter $$
```

```
create trigger delete_employee
```

```
after delete on employee1
```

```
for each row
```

```
begin
```

```
insert into old_employee values(old.emp_name, old.ssn,
old.address, old.salary, old.superssn, old.DOB);
```

```
end $$
```

```
delimiter ;
```

```
select * from employee1;
```

```
delete from employee1 where ssn=115;
```

```
select * from employee1;
```

```
select * from old_employee;
```

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Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Cont

name	ssn	address	salary	superssn	DOB
Swe Zin	115	Mandalay	38000	112	2000-03-03

old_employee8 x

Output

-- Q4)Write a stored function to return the sum of salary of employees who are working in project x. Project number is given by the function's parameter.

-- Q5)Write a stored procedure to Handle Duplicate Key exception when trying to insert Duplicate records ?

Delimiter \$\$

create procedure total_salary(in data int)

total_salary data:=0;

begin

select sum(SALARY) into total_salary from employee group by SALARY where SSN exists(select SSN from works_on where ;

return total_salary;

end \$\$

delimiter ;

call total_salary(Pno);

