```sql
select*from emp_record_table
go
select EMP_ID,FIRST_NAME,LAST_NAME,GENDER,DEPT as Department,emp_rating from EMP_RECORD_TABLE WHERE
go

select *from emp_record_table
select CONCAT(FIRST_NAME,LAST_NAME) AS NAME FROM emp_record_table

SELECT*FROM emp_record_table
GO

select Manager_id,Manager_name,Count(emp_id) as reportee_count
from
(
select
m.EMP_ID as Manager_ID,concat(m.FIRST_NAME,' ',m.LAST_NAME) as Manager_Name,
e.EMP_ID,concat(e.FIRST_NAME,' ',e.LAST_NAME) as Employee_Name
from emp_record_table as e join emp_record_table as m on e.MANAGER_ID=m.EMP_ID
)A
group by manager_id,manager_name;

select*from emp_record_table where DEPT ='healthcare'
union
select *from emp_record_table where DEPT ='finance'


 SELECT
  EMP_ID,
  FIRST_NAME,
  LAST_NAME,
  ROLE,
  DEPT,
  EMP_RATING,
  MAX(EMP_RATING) OVER (PARTITION BY DEPT) AS MAX_EMP_RATING
FROM
  emp_record_table
GROUP BY
  DEPT,
  EMP_ID,
  FIRST_NAME,
  LAST_NAME,
  ROLE,
  EMP_RATING;

select*from emp_record_table
go
select Dept AS DEPARTMENT, MIN(SALARY) AS Minimum_sal_Department,
max(salary)as Maximum_sal_Department
from  emp_record_table where Dept != 'all'
group by Dept
go

select * from emp_record_table
where EXP in (select EXP from emp_record_table where exp>10);
   go

create or alter procedure emp_details @exp int,@country varchar(20)
as
select * from emp_record_table where EXP>@exp and COUNTRY=@country;
go
```

```sql
exec emp_details @exp=5,@country='USA';
go

create or alter function role_standard(@exp INT)
RETURNS varchar(20)
AS
BEGIN
DECLARE @jobprofile nvarchar(50)
if @exp<=2
SET @jobprofile='JDS'
else if @exp<=5
SET @jobprofile='ADS'
else if @exp<=10
SET @jobprofile='SDS'
else if @exp<=12
SET @jobprofile='LDS'
else
SET @jobprofile='MANAGER'
RETURN @jobprofile
END;
go

select employee.dbo.role_standard(2);

create index idx_emp_record_table on emp_record_table(first_name);
select*from emp_record_table where FIRST_NAME='Eric';
go

select EMP_ID,SALARY,EMP_RATING,round(0.05*SALARY*EMP_RATING,2) as Bonus from emp_record_table;
go

select CONTINENT,COUNTRY,avg(salary) as avg_salary from emp_record_table
group by CONTINENT,COUNTRY
order by CONTINENT,COUNTRY;
go
```