1.

select ct.countryname,co.continent

from countries ct

inner join continents co on ct.continent = co.contid

order by co.continent;

2.

select co.Continent,count(ct.CountryID) as Number\_of\_country

from Continents co

left join Countries ct on co.ContID = ct.Continent

group by co.Continent

order by co.Continent;

3.

select cntry.countryname,cm.maker

from countries cntry

left join car\_makers cm on cntry.countryid = cm.country

where cm.maker is null

4.

select cntry.countryname,cm.maker,cm.fullname

from countries cntry

inner join car\_makers cm on cntry.countryid = cm.country

where cntry.countryname = 'japan'

5.

select cntry.countryname,cm.maker,cm.fullname

from countries cntry

inner join car\_makers cm on cntry.countryid = cm.country

where cntry.countryname in ('france','usa')

6.

select co.continent,cntry.countryname,cm.maker,cm.fullname

from continents co

inner join countries cntry on co.contid=cntry.continent

left join car\_makers cm on cntry.countryid=cm.country

where cm.maker = 'volvo'

7.

select md.model,cm.maker,cm.fullname

from car\_makers cm

inner join model\_details md on cm.id=md.maker

where cm.fullname ='Ford Motor Company'

8.

select count(md.model) as Total\_model\_made\_by\_germany

from countries cntry

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

where cntry.countryname = 'germany'

9.

select cntry.countryname,cm.id,cm.maker,cm.fullname,md.model

from countries cntry

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

where cntry.countryname = 'japan'

10.

A) HIGHEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.mpg

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.mpg = (select max(mpg) from car\_details)

LOWEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.mpg

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.mpg = (select min(mpg) from car\_details)

B) HIGHEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.cylinders

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.cylinders = (select max(cylinders) from car\_details)

LOWEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.cylinders

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.cylinders = (select min(cylinders) from car\_details)

C) HIGHEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.edispl

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.edispl = (select max(edispl) from car\_details)

LOWEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.edispl

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.edispl = (select min(edispl) from car\_details)

D) HIGHEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.horsepower

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.horsepower = (select max(horsepower) from car\_details)

LOWEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.horsepower

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.horsepower = (select min(horsepower) from car\_details)

E) HIGHEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.weight

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.weight = (select max(weight) from car\_details)

LOWEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.weight

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.weight = (select min(weight) from car\_details)

F)HIGHEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.accel

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.accel = (select max(accel) from car\_details)

LOWEST VALUE

select co.continent,cntry.countryname,cm.maker,cm.fullname,md.model,cn.descr,cd.accel

from continents co

inner join countries cntry on co.contid = cntry.continent

inner join car\_makers cm on cntry.countryid = cm.country

inner join model\_details md on cm.id = md.maker

inner join car\_names cn on md.model = cn.model

inner join car\_details cd on cn.id = cd.id

where cd.accel = (select min(accel) from car\_details)

11.

select year ,count(\*) as Noofcars

from car\_details

group by year

order by Noofcars desc

fetch first 1 row only;

12.

select year ,count(\*) as Noofcars

from car\_details

group by year

order by Noofcars

fetch first 1 row only;

13.

select 'Mpg' as Attribute,min(mpg) as MinValue,max(mpg) as MaxValue,round(avg(mpg),2) as AvgValue

from car\_details

union all

select 'Cylinders' as Attribute,min(cylinders) as MinValue,max(cylinders) as MaxValue,round(avg(cylinders),2) as AvgValue

from car\_details

union all

select 'Edispl' as Attribute,min(edispl) as MinValue,max(edispl) as MaxValue,round(avg(edispl),2) as AvgValue

from car\_details

union all

select 'Horsepower' as Attribute,min(horsepower) as MinValue,max(horsepower) as MaxValue,round(avg(horsepower),2) as AvgValue

from car\_details

union all

select 'Weight' as Attribute,min(weight) as MinValue,max(weight) as MaxValue,round(avg(weight),2) as AvgValue

from car\_details

union all

select 'Accel' as Attribute,min(accel) as MinValue,max(accel) as MaxValue,round(avg(accel),2) as AvgValue

from car\_details;

14. sorry sir , I don't get it sir please tell this question in class .

15.

