1. Create a view that show only the employee id, first name, last name and email for employees earning more than 10,000 per month.

```
CREATE VIEW v_EmpHighSal AS
   SELECT  employee_id, first_name, last_name, email
   FROM    employees
   WHERE   salary > 10000;
```

2. Create a view that show relevant details for employees earning more than 100,000 a year.

```
CREATE VIEW v_HighAnnSal
 AS SELECT employee_id, last_name, salary*12 ANN_SALARY
   FROM   employees
   WHERE  (salary*12) > 100000;
```

3. Create a view that will display the following when queried.

```
LOCATION                                     COUNTRY                               REGION
-------------------------------------------- ------------------------------------ -----------------------
1200 Tokyo Prefecture                            Japan                                Asia
1400 Texas                                   United States of America                 Americas
1500 California                              United States of America                 Americas
1600 New Jersey                                 United States of America                 Americas
1700 Washington                                 United States of America                 Americas
1800 Ontario                                 Canada                                Americas
1900 Yukon                                   Canada                                Americas
2100 Maharashtra                                India                              Asia
2200 New South Wales                               Australia                          Asia
2500 Oxford                                  United Kingdom                           Europe
2600 Manchester                                 United Kingdom                           Europe
```

where the 'LOCATION' column is location_id and state_province combined;
'COUNTRY' column is the name of a country and
'REGION' column is the name of a region

Another requirement is do not include records that do not have state_province name

```
create or replace view v_LocationRegion(location, country, region) as
select location_id||' '||state_province, country_name, region_name
from locations L, countries C, regions R
where (L.country_id = C.country_id) and
     (C.region_id  = R.region_id)  and
     (state_province is not null);
```

For questions 4-9, substitute the equijoin in thw where clause with USING...ON...

and us the AND operator or the WHERE clause for the additional conditions.
Refer to Chapter 6 lecture notes.

10. Write a query using OUTER JOIN to produce the following result that show the previous and current number of staff in each job title:
(Hint: you need to create TWO views)

```
create or replace view v_Previous_Job as
Select J.job_id, J.job_title, COUNT(*) as No_Of_Staff
from Jobs J, Job_History JH
where (J.job_id = JH.job_id)
group by J.job_id, J.job_title
order by 1;

create or replace view v_Current_Job as
Select J.job_id, , J.job_title, COUNT(*) as No_Of_Staff
from Jobs J, Employees E
where (J.job_id = E.job_id)
group by J.job_id, J.job_title
order by 1;

select P.No_of_Staff as Previous_No,
    C.No_of_Staff as Current_No, C.Job_Id, C.Job_Title
from v_Previous_Job P RIGHT OUTER JOIN v_Current_Job C
ON (P.job_id = C.job_id);
```

*Note: using RIGHT OUTER JOIN on the assumption that there will be more staff in the current job titles compared tp previous job titles.
Can experiment with LEFT and FULL OUTER JOIN to see the difference in results.