Assignment given on 7th of October

1. Create a table named person with fields id, name, city, age, email, country using the following constraints.
   i) The field id should be a primary key
   ii) Name field cannot be null
   iii) city field cannot be null and for default value use “Delhi”
   iv) Age should be greater than 18
   v) email should be unique and cannot be null
   vi) country field cannot be null and for default use “India”

2. Create a stored procedure named “mytable” and store the query that you used above to create a table “person”.

3. Employee table

Empid	name	city	age	salary
1	Ana	Delhi	22	77000
2	Geeta	Noida	25	45000
3	Raj	Banagalore	32	56000
4	Ema	Delhi	35	44000
5	Sunil	Lucknow	29	95000
6	shweta	Udaypur	20	77000
7	Evee	Chennai	44	95000

From the above table write a SQL query to
i) Find the highest salary of an employee
ii) Find the third highest salary of an employee
iii) Find the fourth minimum salary of an employee

4. Employee Table

Empid	name	city	age	salary
1	Ana	Delhi	22	77000
2	Geeta	Noida	25	45000
3	Raj	Banagalore	32	56000
4	Ema	Delhi	35	44000
5	Sunil	Lucknow	29	95000
6	shweta	Udaypur	20	77000
7	Evee	Chennai	44	95000

Department Table

DeptID	deptName	EmpId
10	Marketing	1
20	Purchasing	2
30	Human Resources	1
40	Shipping	3
50	Shipping	4
70	Shipping	5
90	Finance	7

From the above table solve the following

i) Write a query to display the name of the employee who works in the shipping department

ii) Write a query to display the names of the employees who are not in the shipping department.

iii) Write a query to display the name of a department having employees with a salary less than 50000.

5.

Sample table: Salesman

salesman_id	name	city	commission
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5005	Pit Alex	London	0.11
5006	Mc Lyon	Paris	0.14
5003	Lauson Hen	San Jose	0.12
5007	Paul Adam	Rome	0.13

Sample table: Orders

ord_no	purch_amt	ord_date	customer_id	salesman_id
70001	150.5	2012-10-05	3005	5002
70009	270.65	2012-09-10	3001	5005
70002	65.26	2012-10-05	3002	5001
70004	110.5	2012-08-17	3009	5003
70007	948.5	2012-09-10	3005	5002
70005	2400.6	2012-07-27	3007	5001
70008	5760	2012-09-10	3002	5001

i) From the above tables, write a SQL query to find all the orders issued by the salesman 'Lauson Hen'. Return ord_no, purch_amt, ord_date, customer_id and salesman_id.

ii) From the above tables write a SQL query to find all orders generated by London-based salespeople. Return ord_no, purch_amt, ord_date, customer_id, salesman_id.

iii) From the following tables, write a SQL query to find all the orders generated in New York city. Return ord_no, purch_amt, ord_date, customer_id and salesman_id.

You can also go through the link given below and practice SQL
https://www.sql-practice.com/