1. Create the Below Table Structure with Conditions :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EmpCode | Name | Designation | Age | Salary | Email |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1. Put Conditions on above table:
   * Empcode Should Not be Duplicate & Blank - **Primary Key ( Key Field : No Blank, No Duplicate)**
   * Name Should not be blank – **Not Null**
   * By Default the Designation is STAFF – **Default**
   * //Age should be between 20 and 60 – **Check**
   * //Salary Should not be less than 5000 and salary should not be greater than 90000 **check**
   * Email should not be blank and Duplicate : **Unique**
2. Insert 5 different records in the table
3. Create View for the employee getting salary more than 50000
4. Create Procedure to add location field in the given table

Solution:

CREATE TABLE emptable(

empcode integer PRIMARY KEY NOT NULL,

name varchar(50) NOT NULL,

age integer CHECK(age>20 and age<60),

salary integer CHECK(salary>5000 and salary<90000),

email varchar(50) UNIQUE NOT NULL

);

ALTER TABLE emptable ADD CONSTRAINT pkey PRIMARY KEY(emp\_code);

ALTER TABLE emptable ADD CONSTRAINT nn NOT NULL(emp\_code);

ALTER TABLE emptable ADD CONSTRAINT check1 CHECK(age>20 and age<60);

ALTER TABLE emptable ADD CONSTRAINT check2 CHECK(salary>5000 and salary<90000);

ALTER TABLE emptable ADD CONSTRAINT uniq UNIQUE(email);

INSERT INTO emptable (empcode,name,age,salary,email) values (2000115,'XYZ',25,75000,’xya@gmail.com');

(2000116,'Manan',22,25000,’abc@gmail.com’),

(2000117,'Prateek',25,35000,'asd@gmail.com'),

(2000118,'Saransh',31,18000,’a@gmail.com'),

(2000119,'Pooja',29,10000,'b@gmail.coms');

CREATE VIEW view1 as SELECT \* from emptable where salary>50000;

ALTER TABLE emptable ADD COLUMN location varchar(50);

UPDATE emptable set location=’Pune’;