1. Write a SQL statement to create a simple table city including columns city_id,city_name and region_id.
2. Write a SQL statement to create a simple table city including columns city_id,city_name and region_id which is already exists.
3. Write a SQL statement to create a table city set a constraint NULL.
4. Write a SQL statement to create a table named jobs including columns job_id, job_title, min_salary, max_salary and check whether the max_salary amount exceeding the upper limit 25000.
5. Write a SQL statement to create a table named city including columns city_id,city_name and region_id and make sure that no city except Colombo, Galle and Matar will be entered in the table.
6. Write a SQL statement to create a table named job_history including columns employee_id, start_date, end_date, job_id and department_id and make sure that the value against column end_date will be entered at the time of insertion to the format like '--/--/----'.
7. Write a SQL statement to create a table named city including columns city_id,city_name and region_id and make sure that no duplicate data against column city_id will be allowed at the time of insertion.
8. Write a SQL statement to create a table named jobs including columns job_id, job_title, min_salary and max_salary, and make sure that, the default value for job_title is blank and min_salary is 8000 and max_salary is NULL will be entered automatically at the time of insertion if no value assigned for the specified columns.
9. Write a SQL statement to create a table named city including columns city_id,city_name and region_id and make sure that the city_id column will be a key field which will not contain any duplicate data at the time of insertion.
10. Write a SQL statement to create a table countries including columns city_id,city_name and region_id and make sure that the combination of columns city_id and region_id will be unique.
11. Write a SQL statement to create a table job_history including columns employee_id, start_date, end_date, job_id and department_id and make sure that, the employee_id column does not contain any duplicate value at the time of insertion and the foreign key column job_id contain only those values which are exists in the jobs table.

Here is the structure of the table jobs;

```
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| JOB_ID      | varchar(10) | NO   | PRI |         |       |
| JOB_TITLE   | varchar(35) | NO   |     | NULL    |       |
| MIN_SALARY  | decimal(6,0)| YES  |     | NULL    |       |
| MAX_SALARY  | decimal(6,0)| YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
```

12. Write a SQL statement to create a table employees including columns employee_id, first_name, last_name, email, phone_number hire_date, job_id, salary, commission, manager_id and department_id and make sure that, the employee_id column does not

contain any duplicate value at the time of insertion and the foreign key columns combined by department_id and manager_id columns contain only those unique combination values, which combinations are exists in the departments table.

Assume the structure of departments table below.

```
+-----------------+--------------+------+-----+---------+-------+
| Field           | Type         | Null | Key | Default | Extra |
+-----------------+--------------+------+-----+---------+-------+
| DEPARTMENT_ID   | decimal(4,0) | NO   | PRI | 0       |       |
| DEPARTMENT_NAME | varchar(30)  | NO   |     | NULL    |       |
| MANAGER_ID      | decimal(6,0) | NO   | PRI | 0       |       |
| LOCATION_ID     | decimal(4,0) | YES  |     | NULL    |       |
+-----------------+--------------+------+-----+---------+-------+
```

13. Create the following table.

EmployeeInfo Table:

EmpID	EmpFname	EmpLname	Department	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M
2	Ananya	Mishra	Admin	P2	Delhi(DEL)	02/05/1968	F
3	Rohan	Diwan	Account	P3	Mumbai(BOM)	01/01/1980	M
4	Sonia	Kulkarni	HR	P1	Hyderabad (HYD)	02/05/1992	F
5	Ankit	Kapoor	Admin	P2	Delhi(DEL)	03/07/1994	M

14. Write a query to fetch the EmpFname from the EmployeeInfo table.

15. Write a query to get the current date.

16. Write a query to retrieve the first four characters of EmpLname from the EmployeeInfo table.

17. Write a query to fetch only the place name(string before brackets) from the Address column of EmployeeInfo table.

18. Write a query to find the names of employees that begin with 'S'.

19. Write a query to fetch all the records from the EmployeeInfo table ordered by EmpLname in descending order and Department in the ascending order.

20. Write a query to fetch details of employees whose EmpLname ends with an alphabet 'A' and contains five alphabets.

21. Write a query to fetch details of all employees excluding the employees with first names, "Sanjay" and "Sonia" from the EmployeeInfo table.

22. Write a query to fetch details of employees with the address as "DELHI(DEL)".
23. Write a query find number of employees whose DOB is between 02/05/1970 to 31/12/1975 and are grouped according to gender.