**Question 1: Create a Student Table**

Create a table Students where:

* StudentID is the primary key.
* Name cannot be null.
* Age must be between 18 and 30.
* City should default to 'Delhi' if not provided.

**Question 2: Insert Data with Default**

Insert a student record without specifying the city, and check that it takes the default value.

**Question 3: Create Employee Table with Salary Validation**

Create a table Employees where:

* EmpID is the primary key.
* EmpName cannot be null.
* Salary must always be greater than 5000.
* Department defaults to 'HR'.

**Question 4: Insert Invalid Salary**

Try inserting an employee with a salary less than 5000, and observe the constraint violation.

**Question 5: Product Table with Stock Constraint**

Create a Products table where:

* ProductID is the primary key.
* ProductName cannot be null.
* Price defaults to 100.
* Stock must be non-negative.

**Question 6: Insert with Constraint Violation**

Suppose the table Products requires Stock to be non-negative. Insert a product with a negative stock and explain the result.

**Question 7: Update with a Default Value**

Update the price of all products in the Products table to the default price if their price is currently null.

**Question 8: Deleting with a Constraint**

Delete a student from the Students table whose age is 25.

**Question 9: Update Violating CHECK Constraint**

Try to update an employee's salary in the Employees table to a value below the allowed minimum and explain what happens.

**Question 10: Insert Into NOT NULL Column**

Attempt to insert a student record without a name and explain the result.

**Question 11: Set Default with UPDATE**

Set all employee departments to their default value.

**Question 12: Delete All Products with Default Price**

Delete all records in Products where the price is equal to the default.

**Question 13: Multi-Column CHECK Constraint**

Create a table Orders where:

* OrderID is the primary key.
* Amount must be greater than zero.
* Discount must be less than Amount.
* CustomerName cannot be null.