Create the following client\_master table

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Attributes |
| Client\_no | Varchar(6) | Primary key first letter must start with ‘C’ |
| Name | Varchar(20) | Not null |
| Address1 | Varchar(30) |  |
| Address2 | Varchar(30) |  |
| State | Varchar(30) |  |
| City | Varchar(20) |  |

Data for Client Master: INSERT 10 RECORDS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client No | Name | Address1 | Address2 | State | City |
| C00001 | Met Life | Link Road | Andheri | Maharashtra | Mumbai |

Create the following Salesman\_master

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Attributes |
| Salesman\_no | Varchar(6) | Primary key first letter must start with ‘S’ |
| Salesman\_name | Varchar(20) | Not Null |
| Address1 | Varchar(20) | Not Null |
| City | Varchar(20) |  |
| Sal\_amt | Int | Not Null cannot be 0 |
| Ytd\_sales | Int | Not Null cannot be 0 |

Data for salesman Master: INSERT 10 RECORDS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Salesman\_no | Salesman\_name | Address1 | Address2 | City | Sal\_amt | Ytd\_sales |
| S00001 | Kiran | 1/14 | Worli | Maharashtra | 3000 | 50 |

Create the following Sales \_Order table

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Attributes |
| S\_order\_no | Varchar(6) | Primary Key first letter must start with ‘O’ |
| S\_order\_date | Date |  |
| Client\_no | Varchar2(6) | Foreign key Client Master |
| Dely\_addr | Varchar2(25) |  |
| Salesman\_no | Varchar2(6) | Foreign key salesman table |
| Dely\_type | Char(1) | Delivery has to be part(p) Full(F),Default ‘F’ |
| Order\_status | Varchar2(10) | Values :inprocess,backorder,cancelled,fulfilled |
| INPROCESS | Ip |  |
| BACKORDER | B |  |
| CANCELLED | C |  |
| FULFILLED | F |  |

Data for Sales\_Order: INSERT 10 RECORDS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S\_Order\_No | S\_order\_peDate | Client\_no | Dely\_Addr | Salesman\_no | Dely\_type | Order\_status |
| O19001 | 12-jan-2006 | C00001 | Mumbai | S00001 | 20-JAN-2006 | IP |

Perform the following:-

1. Alter table sales\_order add a new column Dely\_Add2 of varchar(20)
2. Create a default for the client master for the city column using Create Default and specify the city as Mumbai
3. Drop constraint for order\_status and add a rule through create rule
4. Try to delete a record from sales\_order table and see the output
5. Drop the default
6. Drop the rule
7. Alter the table client master and a geography column of location
8. Disable the constraints for table and again reenable the same
9. Try to create a table of Hierarchyid type and use it
10. Create a schema and create client master in it
11. Create a type named Calculation which is of same data type as that of int
12. Finally Drop the tables which you have created