How to create table? Can you create two tables with same name?

**4. Problem set-1**

1. Create the DDL Statements for the [***schema***](http://wiki2014.msitprogram.net/DD09/Flight_Tables.docx)***provided to you***.
2. **Flight**

FID                               Varchar2(5)     PK

 FName                        Varchar2(20)

Source\_Code               Varchar2(5)     FK

Destination\_Code       Varchar2(5)     FK

Journey\_Hours            Number(2)

**City\_Master**

City\_Code                    Varchar2(5)     PK

City\_Name                  Varchar2(20)

Country                       Varchar2(20)

**Flight-Class**

FID                               Varchar2(5)     FK

Class                            Varchar2(10)

Amount                       Number(7,2)

No\_Seats                     Number(2)

**Service-Master**

Service\_Code              Varchar2(5)     PK

Service\_Name             Varchar2(15)

Amount                       Number(7,2)

**Flight-Services**

FID                               Varchar2(5)     FK

Service\_Code              Varchar2(5)     FK

**Meal-Master**

Meal \_Code                Varchar2(5)     PK

Meal \_Name               Varchar2(15)

Amount                       Number(7,2)

**Flight-** **Meal**

FID                               Varchar2(5)     FK

Meal \_Code                Varchar2(5)     FK

**Flight\_Days**

FID                               Varchar2(5)     FK

Dept\_time                   Number(2)

Day                              Varchar2(10)

**Luggage-Master**

Class                            Varchar2(10)

Weight                        Number(3)

Extra\_Amount\_PERKG Number(7,2)

**Passenger-Luggage-Charges**

PNRNO                        Varchar2(10)   FK

WEIGHT                       Number(32)

AMOUNT                     Number(7,2)

**Passenger**

PPNO                           Varchar2(10)   pK

Name                          Varchar2(20)

DOB                             Date

Sex:                              Varchar2(6)

Address                       Varchar2(30)

Contact\_No                 Number(10)

**Reservation**

PPNO                           Varchar2(10)   FK

Flight\_Code                 Varchar2(5)     FK

Journey\_Date              Date

Class                            Varchar2(10)

Meal\_Code                 Varchar2(5)     FK

Service\_Code              Varchar2(5)     FK

**Ticket**

PNRNO                        Varchar2(10) PK

PPNO                           Varchar2(10) FK

Flight\_Code                 Varchar2(5)     FK

Journey\_Date              Date

Class                            Varchar2(10)

Meal\_Code                 Varchar2(5)     FK

Service\_Code              Varchar2(5)     FK

Amount                       Number(7,2)

Status

**Cancellation Charges**

Befor-Hours                Number(2)

Charges                       Number(7,2)

**Cancellation**

CID                              Varchar2(5)     FK

PNRNO                        Varchar2(10)   FK

**Availability**

FID                               Varchar2(5)     FK

Class                            Varchar2(10)

Journey-date               Date

Remaining-seats         Number(2)

**5. Problem set-2**

1. Insert data  given below  [***Download***](http://wiki2014.msitprogram.net/DD09/FSA_Table_Data.docx)***in tables created in previous problem set.***.
2. Apply different kinds of constraints you have studied. *(Foreign key constraint, on delete, on cascade etc)*
3. **City\_Master**

|  |  |  |
| --- | --- | --- |
| **City-Code** | **City-Name** | **Country** |
| CC001 | HYDERABAD | INDIA |
| CC002 | MUMBAI | INDIA |
| CC003 | DELHI | INDIA |
| CC004 | LOS ANGELES | USA |
| CC005 | CALIFORNIA | ENGLAND |

7. **Flight**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FID** | **FName** | **Source-Code** | **Destination-Code** | **Journey-Hours** |
| FSA01 | HYD-DEL | CC001 | CC003 | 6 |
| FSA02 | DEL-HYD | CC003 | CC001 | 6 |
| FSA03 | MUM-DEL | CC002 | CC003 | 5 |
| FSA04 | DEL-MUM | CC003 | CC002 | 5 |
| FSA05 | DEL-LAS | CC003 | CC004 | 12 |
| FSA06 | LAS-DEL | CC004 | CC003 | 12 |
| FSA07 | DEL-CFA | CC003 | CC005 | 13 |
| FSA08 | CFA-DEL | CC005 | CC003 | 13 |

2. **Flight\_Days**

|  |  |  |
| --- | --- | --- |
| **FID** | **Day** | **Dept-time** |
| FSA01 | MONDAY | 11 |
| FSA05 | MONDAY | 18 |
| FSA06 | TUESDAY | 9 |
| FSA02 | TUESDAY | 23 |
| FSA01 | WEDNESDAY | 11 |
| FSA05 | WEDNESDAY | 18 |
| FSA06 | THURSDAY | 9 |
| FSA02 | THURSDAY | 23 |
| FSA01 | FRIDAY | 11 |
| FSA05 | FRIDAY | 18 |
| FSA06 | SATURDAY | 9 |
| FSA02 | SATURDAY | 23 |
| FSA03 | TUESDAY | 8 |
| FSA07 | TUESDAY | 15 |
| FSA08 | WEDNESDAY | 7 |
| FSA04 | WEDNESDAY | 23 |
| FSA03 | THURSDAY | 11 |
| FSA07 | THURSDAY | 18 |
| FSA08 | FRIDAY | 9 |
| FSA04 | FRIDAY | 23 |
| FSA03 | SATURDAY | 11 |
| FSA07 | SATURDAY | 18 |
| FSA08 | SUNDAY | 9 |
| FSA04 | SUNDAY | 23 |

2. **Flight-Class**

|  |  |  |  |
| --- | --- | --- | --- |
| FID | CLASS | AMOUNT | NO-SEATS |
| FSA001 | EXECUTIVE | 7000 | 3 |
| FSA001 | BUSINESS | 6000 | 4 |
| FSA001 | ECONOMY | 5000 | 5 |
| FSA002 | EXECUTIVE | 7000 | 3 |
| FSA002 | BUSINESS | 6000 | 4 |
| FSA002 | ECONOMY | 5000 | 5 |
| FSA003 | EXECUTIVE | 8000 | 4 |
| FSA003 | BUSINESS | 7000 | 5 |
| FSA003 | ECONOMY | 6000 | 6 |
| FSA004 | EXECUTIVE | 8000 | 4 |
| FSA004 | BUSINESS | 7000 | 5 |
| FSA004 | ECONOMY | 6000 | 6 |
| FSA005 | EXECUTIVE | 10000 | 5 |
| FSA005 | BUSINESS | 9000 | 6 |
| FSA005 | ECONOMY | 8000 | 7 |
| FSA006 | EXECUTIVE | 10000 | 5 |
| FSA006 | BUSINESS | 9000 | 6 |
| FSA006 | ECONOMY | 8000 | 7 |
| FSA007 | EXECUTIVE | 12000 | 6 |
| FSA007 | BUSINESS | 11000 | 7 |
| FSA007 | ECONOMY | 10000 | 8 |
| FSA008 | EXECUTIVE | 12000 | 6 |
| FSA008 | BUSINESS | 11000 | 7 |
| FSA008 | ECONOMY | 10000 | 8 |

2. **Service-Master**

|  |  |  |
| --- | --- | --- |
| **Service-Code** | **Service-Name** | **Amount** |
| SC001 | CHILDECARE | 400 |
| SC002 | NURSING | 300 |
| SC003 | WHEELCHAIR | 350 |

2. **Meal-Master**

|  |  |  |
| --- | --- | --- |
| **Meal –Code** | **Meal-Name** | **Amount** |
| MC001 | SOUTH | 250 |
| MC002 | NORTH | 300 |
| MC003 | CHINESE | 350 |

2. **Luggage-Master**

|  |  |  |
| --- | --- | --- |
| **CLASS** | **WEIGHT** | **EXT-AMT-PKG** |
| EXECUTIVE | 40 | 15 |
| BUSINESS | 35 | 12 |
| ECONOMY | 30 | 10 |

2. **Flight-Services**

|  |  |
| --- | --- |
| **FID** | **Service-Code** |
| FSA001 | SC001 |
| FSA001 | SC002 |
| FSA002 | SC001 |
| FSA002 | SC002 |
| FSA003 | SC002 |
| FSA003 | SC003 |
| FSA004 | SC002 |
| FSA004 | SC003 |
| FSA005 | SC001 |
| FSA005 | SC003 |
| FSA006 | SC001 |
| FSA006 | SC003 |
| FSA007 | SC001 |
| FSA007 | SC002 |
| FSA008 | SC001 |
| FSA008 | SC002 |

2. **Flight-** **Meal**

|  |  |
| --- | --- |
| **FID** | **Meal-Code** |
| FSA001 | MC001 |
| FSA001 | MC002 |
| FSA002 | MC001 |
| FSA002 | MC002 |
| FSA003 | MC002 |
| FSA003 | MC003 |
| FSA004 | MC002 |
| FSA004 | MC003 |
| FSA005 | MC001 |
| FSA005 | MC003 |
| FSA006 | MC001 |
| FSA006 | MC003 |
| FSA007 | MC001 |
| FSA007 | MC002 |
| FSA008 | MC001 |
| FSA008 | MC002 |

2. **Passenger**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PPNO** | **Name** | **DOB** | **Sex** | **Address** | **Contact-No** |
| PPNO00001 | NAME001 | 01-JAN-1985 | MALE | ADDR001 | 9876543210 |
| PPNO00002 | NAME002 | 02-FEB-1986 | FE MALE | ADDR002 | 9876543211 |
| PPNO00003 | NAME003 | 03-MAR-1987 | MALE | ADDR003 | 9876543212 |
| PPNO00004 | NAME004 | 04-APR-1988 | FEMALE | ADDR004 | 9876543213 |
| PPNO00005 | NAME005 | 05-MAY-1989 | MALE | ADDR005 | 9876543214 |

1. **Cancellation Charges**

|  |  |
| --- | --- |
| **Before-Hours** | **Charges** |
| 48 | Nil |
| 24 | 10 |
| 12 | 15 |
| 6 | 25 |
| 3 | 50 |

2. **Ticket**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PNRNO** | **PPNO** | **Flight\_Code** | **Journey\_Date** | **Class** | **Meal\_Code** | **Service\_Code** | **Amount** | **Status** |
| PNRNO0001 | PPNO00005 | FSA001 | 03-DEC-12 | EXECUTIVE | MC002 | SC002 | 7600 | CNF |
| PNRNO0002 | PPNO00003 | FSA002 | 04-DEC-12 | BUSINESS | MC001 | SC001 | 6650 | CNF |
| PNRNO0003 | PPNO00002 | FSA006 | 06-DEC-12 | ECONOMY | MC003 | SC003 | 8700 | CNF |
| PNRNO0004 | PPNO00004 | FSA007 | 04-DEC-12 | EXECUTIVE | MC001 | SC001 | 12650 | WTG |
| PNRNO0005 | PPNO00005 | FSA004 | 05-DEC-12 | BUSINESS | MC003 | SC003 | 7700 | CNF |
| PNRNO0006 | PPNO00001 | FSA005 | 05-DEC-12 | ECONOMY | MC001 | SC001 | 8650 | WTG |
| PNRNO0007 | PPNO00002 | FSA002 | 06-DEC-12 | EXECUTIVE | MC001 | SC002 | 7650 | CNF |
| PNRNO0008 | PPNO00004 | FSA008 | 09-DEC-12 | BUSINESS | MC002 | SC002 | 11600 | CNF |
| PNRNO0009 | PPNO00003 | FSA003 | 08-DEC-12 | ECONOMY | MC003 | SC002 | 6650 | CNF |

2. **Availability**

|  |  |  |  |
| --- | --- | --- | --- |
| **FID** | **Journey-date** | **Class** | **Remaining-seats** |
| FSA001 | 03-DEC-12 | EXECUTIVE | 3 |
| FSA002 | 04-DEC-12 | BUSINESS | 2 |
| FSA006 | 06-DEC-12 | ECONOMY | 3 |
| FSA007 | 04-DEC-12 | EXECUTIVE | 0 |
| FSA004 | 05-DEC-12 | BUSINESS | 3 |
| FSA005 | 05-DEC-12 | ECONOMY | 0 |
| FSA002 | 06-DEC-12 | EXECUTIVE | 2 |
| FSA008 | 09-DEC-12 | BUSINESS | 3 |
| FSA003 | 08-DEC-12 | ECONOMY | 2 |

2. **Passenger-Luggage-Charges**

|  |  |  |
| --- | --- | --- |
| **PNRNO** | **WEIGHT** | **AMOUNT** |
| PNRNO0001 | 70 | 450 |
| PNRNO0002 | 60 | 300 |
| PNRNO0008 | 65 | 360 |

2. **Cancellation**

|  |  |  |
| --- | --- | --- |
| CID | PNRNO | Before-Hours |
| C0001 | PNRNO0004 | 12 |
| C0002 | PNRNO0005 | 24 |

6. **Reservation**
7. PPNO                           Varchar2(10)   FK
8. Flight\_Code                 Varchar2(5)     FK
9. Journey\_Date              Date
10. Class                            Varchar2(10)
11. Meal\_Code                 Varchar2(5)     FK
12. Service\_Code              Varchar2(5)     FK

26

5

1

1,4,7,10,11,15,18,19,24,29,35,46,48,55,59,60,67,73,75,77,83,88,92,93,97,99

INSERT ALL

INTO RESERVATION(PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE) VALUES ('PPNO00005','FSA01','3-Dec-12','EXECUTIVE','MC002','SC002')

INTO RESERVATION (PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE) VALUES ('PPNO00003','FSA02','4-Dec-12','BUSINESS','MC001','SC001')

INTO TICKET(PNRNO,PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE,AMOUNT,STATUS) VALUES ('PNRNO0003','PPNO00002','FSA06','6-Dec-12','ECONOMY','MC003','SC003',8700,'CNF')

INTO TICKET(PNRNO,PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE,AMOUNT,STATUS) VALUES ('PNRNO0004','PPNO00004','FSA07','4-Dec-12','EXECUTIVE','MC001','SC001',12650,'WTG')

INTO TICKET(PNRNO,PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE,AMOUNT,STATUS) VALUES ('PNRNO0005','PPNO00005','FSA04','5-Dec-12','BUSINESS','MC003','SC003',7700,'CNF')

INTO TICKET(PNRNO,PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE,AMOUNT,STATUS) VALUES ('PNRNO0006','PPNO00001','FSA05','5-Dec-12','ECONOMY','MC001','SC001',8650,'WTG')

INTO TICKET(PNRNO,PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE,AMOUNT,STATUS) VALUES ('PNRNO0007','PPNO00002','FSA02','6-Dec-12','EXECUTIVE','MC001','SC002',7650,'CNF')

INTO TICKET(PNRNO,PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE,AMOUNT,STATUS) VALUES ('PNRNO0008','PPNO00004','FSA08','9-Dec-12','BUSINESS','MC002','SC002',11600,'CNF')

INTO TICKET(PNRNO,PPNO,FLIGHT\_CODE,JOURNEY\_DATE,CLASS,MEAL\_CODE,SERVICE\_CODE,AMOUNT,STATUS) VALUES ('PNRNO0009','PPNO00003','FSA03','8-Dec-12','ECONOMY','MC003','SC002',6650,'CNF')

SELECT \* FROM DUAL;

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