**1.passenger:**

create table passenger(

p\_id number(20),

first\_name varchar2(20),

last\_name varchar2(20),

nationality varchar2(10),

passport\_no varchar2(30),

booking\_id number(20))

alter table passenger add constraint q2 primary key(p\_id)

alter table passenger add constraint q17 foreign key(booking\_id) references booking(booking\_id)

alter table passenger add constraint q1 unique(passport\_no)

alter table passenger modify (first\_name not null)

alter table passenger modify (last\_name not null)

alter table passenger modify nationality default 'Bangladeshi'

sequence:

create sequence passengersq

increment by 1

start with 1

maxvalue 99

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**2.passenger\_1:**

create table passenger\_1(

p\_id number(20),

p\_email varchar2(30))

alter table passenger\_1 add constraint q3 primary key(p\_id,p\_email)

**3.booking:**

create table booking(

booking\_id number(20),

booking\_date date,

seat\_no number(10),

cp\_id number(10),

e\_id number(10),

flight\_no number(10))

alter table booking add constraint q18 foreign key(cp\_id) references booking\_1(cp\_id)

alter table booking add constraint q19 foreign key(flight\_no) references flight(flight\_no)

alter table booking add constraint q20 foreign key(e\_id) references management(e\_id)

alter table booking add constraint q5 primary key(booking\_id)

alter table booking add constraint q6 unique(seat\_no)

sequence:

create sequence bookingsq

increment by 1

start with 100

maxvalue 199

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**4.booking\_1:**

create table booking\_1(

cp\_id number(10),

class\_name varchar2(15),

price number(10))

alter table booking\_1 add constraint q7 primary key(cp\_id)

alter table booking\_1 modify (class\_name not null)

alter table booking\_1 modify (price not null)

create sequence booking\_1sq

increment by 1

start with 200

maxvalue 299

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**5. flight:**

create table flight(

flight\_no number(10),

departure\_time varchar2(10),

r\_id number(10),

s\_id number(10))

alter table flight add constraint q21 foreign key(r\_id) references flight\_1(r\_id)

alter table flight add constraint q22 foreign key(s\_id) references flight\_2(s\_id)

alter table airplane add constraint q23 foreign key(flight\_no) references flight(flight\_no)

alter table flight add constraint q8 primary key(flight\_no)

create sequence flightsq

increment by 1

start with 300

maxvalue 399

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**6. flight\_1:**

create table flight\_1(

r\_id number(10),

route varchar2(50),

duration varchar2(10))

alter table flight\_1 add constraint q9 primary key(r\_id)

create sequence flight\_1sq

increment by 1

start with 400

maxvalue 499

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**7.flight\_2:**

create table flight\_2(

s\_id number(10),

stoppage\_1 varchar2(10),

stoppage\_2 varchar2(10),

destination varchar2(10))

alter table flight\_2 add constraint q10 primary key(s\_id)

alter table flight\_2 modify (destination not null)

create sequence flight\_2sq

increment by 1

start with 500

maxvalue 599

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**8.airplane:**

create table airplane(

a\_id number(10),

type varchar2(10),

flight\_no number(10))

create sequence airplanesq

increment by 1

start with 600

maxvalue 699

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alter table airplane add constraint q12 primary key(a\_id)

alter table airplane modify (flight\_no not null)

**9.management:**

create table management(

e\_id number(10),

ef\_name varchar2(10),

el\_name varchar2(10),

hiredate date,

j\_id number(10),

a\_id number(10),

ad\_id number(10))

alter table management add constraint q24 foreign key(j\_id) references management\_2(j\_id)

alter table management add constraint q25 foreign key(a\_id) references airplane(a\_id)

alter table management add constraint q26 foreign key(ad\_id) references address(ad\_id)

alter table management add constraint q11 primary key(e\_id)

alter table management modify (hiredate not null)

create sequence managementsq

increment by 1

start with 700

maxvalue 799

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**10.management\_1:**

create table management\_1(

e\_id number(10),

ephone number(20))

alter table management\_1 add constraint q13 primary key(e\_id,ephone)

**11.management\_2:**

create table management\_2(

j\_id number(10),

salary number(10),

job varchar2(30))

alter table management\_2 add constraint q15 primary key(j\_id)

create sequence management\_2sq

increment by 1

start with 800

maxvalue 899

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**12.address:**

create table address(

ad\_id number(10),

street varchar2(30),

city varchar2(10),

country varchar2(10))

alter table address add constraint q16 primary key(ad\_id)

alter table address modify country default 'Bangladesh'

create sequence addresssq

increment by 1

start with 900

maxvalue 999

nocycle

nocache