

DDL SCRIPTS : RAILWAY RESERVATION SYSTEM

```
CREATE SCHEMA rsv;  
SET SEARCH_PATH to rsv;
```

```
CREATE TABLE users (  
    USER_ID INT,  
    NAME VARCHAR(20) NOT NULL,  
    EMAIL VARCHAR(20) NOT NULL,  
    CITY VARCHAR(20) ,  
    STATE VARCHAR(20),  
    PINCODE INT,  
    GENDER CHAR(1),  
    PRIMARY KEY(USER_ID)  
);
```

```
CREATE TABLE station (  
    SID SMALLINT,  
    SNAME VARCHAR(20) ,  
    PRIMARY KEY(SID)  
);
```

```
CREATE TABLE train (  
    TRAIN_NO INT PRIMARY KEY,  
    TNAME VARCHAR(20),  
    SOURCE_ID SMALLINT,  
    DEST_ID SMALLINT,  
    ARR_TIME TIME,  
    DEP_TIME TIME,  
    FOREIGN KEY (DEST_ID) REFERENCES station(SID)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
    FOREIGN KEY (SOURCE_ID) REFERENCES station(SID)  
        ON DELETE CASCADE ON UPDATE CASCADE );
```

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```
CREATE TABLE tstatus(  
    TRAIN_NO INT ,  
    DATE date,  
    CLASS CHAR(2),  
    TOTAL_SEAT INT,  
    FARE DECIMAL(6,2),  
    PRIMARY KEY(TRAIN_NO,DATE,Class),  
    FOREIGN KEY(TRAIN_NO) REFERENCES train(TRAIN_NO)  
        ON DELETE CASCADE ON UPDATE CASCADE  
);
```

```
CREATE TABLE passenger (  
    PID INT PRIMARY KEY,  
    PNAME VARCHAR(20),  
    GENDER CHAR(1),  
    AGE SMALLINT  
);
```

```
CREATE TABLE ticket (  
    PNR INT ,  
    DOJ date,  
    CLASS CHAR(2),  
    STATUS VARCHAR(7),  
    Book_Date date,  
    PID INT REFERENCES passenger(PID)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
    TRAIN_NO INT REFERENCES train(TRAIN_NO)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
    USER_ID INT REFERENCES users(USER_ID)  
        ON DELETE CASCADE ON UPDATE CASCADE );
```

DDL SCRIPTS : RAILWAY RESERVATION SYSTEM

```
INSERT INTO users  
VALUES(123,'Alok','alk@gmail.com','Praygraj','UP',831206,'M');
```

```
INSERT INTO users  
VALUES(124,'Ankit','ank@gmail.com','Chhapra','BIHAR',841205  
, 'M');
```

```
INSERT INTO users  
VALUES(125,'Nikhil','nik@gmail.com','Jaipur','RAJSTHAN',  
932156,'M');
```

```
INSERT INTO users  
VALUES(126,'Kshitiz','ksz@gmail.com','Kanpur','UP',831207,'M'  
);
```

```
INSERT INTO station VALUES(1,'Allahabad');
```

```
INSERT INTO station VALUES(2,'Chhapra');
```

```
INSERT INTO station VALUES(3,'Jaiselmer');
```

```
INSERT INTO station VALUES(4,'Lucknow');
```

```
INSERT INTO station VALUES(5,'Patna');
```

```
INSERT INTO train  
VALUES(12405,'Allahabad_Express',1,5,'09:25:00','09:35:00');
```

DDL SCRIPTS : RAILWAY RESERVATION SYSTEM

```
INSERT INTO train  
VALUES(12406,'Chhapra_Express',2,4,'23:25:00','023:40:00');
```

```
INSERT INTO train  
VALUES(12407,'Ajmer_Express',3,1,'11:40:00','11:42:00');
```

```
INSERT INTO train  
VALUES(13507,'Lucknow_Express',4,2,'15:10:00','15:20:00');
```

```
INSERT INTO train  
VALUES(12948,'Azimabad_Express',5,3,'21:40:00','21:50:00');
```

```
INSERT INTO tstatus  
VALUES(12405,'12/05/2019','SL',10,485.00);
```

```
INSERT INTO tstatus  
VALUES(12405,'12/05/2019','AC',5,1485.00);
```

```
INSERT INTO tstatus  
VALUES(12406,'12/06/2019','SL',10,865.00);
```

```
INSERT INTO tstatus  
VALUES(12406,'12/06/2019','AC',5,1895.00);
```

```
INSERT INTO tstatus  
VALUES(12407,'08/08/2019','SL',10,725.00);
```

```
INSERT INTO tstatus  
VALUES(12407,'08/08/2019','AC',5,1735.00);
```

DDL SCRIPTS : RAILWAY RESERVATION SYSTEM

```
INSERT INTO tstatus  
VALUES(13507,'08/06/2019','SL',10,665.00);
```

```
INSERT INTO tstatus  
VALUES(12948,'05/06/2019','AC',5,2795.00);
```

```
INSERT INTO passenger VALUES(8,'Alok','M',28);
```

```
INSERT INTO passenger VALUES(10,'Ankit','M',19);
```

```
INSERT INTO passenger VALUES(24,'Bhatia','M',18);
```

```
INSERT INTO passenger VALUES(21,'Kshitiz','M',17);
```

```
INSERT INTO passenger VALUES(02,'Abhimaynu','M',18);
```

```
INSERT INTO ticket VALUES  
(12345,'02/05/2019','SL','CNF','05/04/2019',08,12405,123);
```

```
INSERT INTO ticket VALUES  
(12346,'8/06/2019','AC','CNF','02/05/2019',10,12406,124);
```

```
INSERT INTO ticket VALUES  
(32145,'8/07/2019','AC','WT','20/06/2019',24,12407,125);
```

```
INSERT INTO ticket VALUES  
(98745,'27/04/2019','AC','CNL','7/03/2019',21,13507,126);
```

```
INSERT INTO ticket VALUES  
(15489,'10/05/2019','AC','CNF','02/05/2019',08,12948,123);
```