CREATE TABLE DRIVER (  
    DRIVER\_ID TEXT PRIMARY KEY,  
    DRIVER\_NAME TEXT ,  
    DRIVER\_CONTACT INTEGER   
);

CREATE TABLE BUS\_DRIVER (  
    BUS\_DRIVER\_ID TEXT PRIMARY KEY,  
    DATE INTEGER ,  
    BUS\_ID INTEGER,  
    DRIVER\_ID TEXT,  
    FOREIGN KEY (BUS\_ID) REFERENCES BUS(BUS\_ID),  
    FOREIGN KEY (DRIVER\_ID) REFERENCES DRIVER(DRIVER\_ID)  
);

CREATE TABLE BUS (  
    BUS\_ID INTEGER PRIMARY KEY ,  
    BUS\_PLATE\_NUMBER TEXT,  
    BUS\_MODEL TEXT   
);

[14:09] PRATHAM Pratham (1000123737)

INSERT INTO DRIVER (DRIVER\_ID, DRIVER\_NAME, DRIVER\_CONTACT)   
VALUES ('NZ1234', 'Juan', 210987653);  
INSERT INTO DRIVER (DRIVER\_ID, DRIVER\_NAME, DRIVER\_CONTACT)   
VALUES ('NZ2345', 'RYAN', 210254782);   
INSERT INTO DRIVER (DRIVER\_ID, DRIVER\_NAME, DRIVER\_CONTACT)   
VALUES ('NZ3456', 'NAMAN', 210274839);    
INSERT INTO DRIVER (DRIVER\_ID, DRIVER\_NAME, DRIVER\_CONTACT)   
VALUES ('NZ4567', 'RAJEEV', 227464799);   
INSERT INTO DRIVER (DRIVER\_ID, DRIVER\_NAME, DRIVER\_CONTACT)   
VALUES ('NZ5678' , 'MANDEEP', 225673344);

INSERT INTO BUS (BUS\_ID, BUS\_PLATE\_NUMBER, BUS\_MODEL)   
VALUES (1001, '6ACB23', 'Mercedes-Benz T2');  
INSERT INTO BUS (BUS\_ID, BUS\_PLATE\_NUMBER, BUS\_MODEL)   
VALUES (1002, '7DEF45', 'Volvo B7RLE');  
INSERT INTO BUS (BUS\_ID, BUS\_PLATE\_NUMBER, BUS\_MODEL)   
VALUES (1003, '8GHI67', 'Scania K-series');  
INSERT INTO BUS (BUS\_ID, BUS\_PLATE\_NUMBER, BUS\_MODEL)   
VALUES (1004, '9JKL89', 'MAN Lion City');  
INSERT INTO BUS (BUS\_ID, BUS\_PLATE\_NUMBER, BUS\_MODEL)   
VALUES (1005, '1MNO23', 'Alexander Enviro500');

INSERT INTO BUS\_DRIVER (BUS\_DRIVER\_ID, DATE, BUS\_ID, DRIVER\_ID)   
VALUES ('ABC123', '2024-06-06', 1001, 'NZ1234');  
INSERT INTO BUS\_DRIVER (BUS\_DRIVER\_ID, DATE, BUS\_ID, DRIVER\_ID)   
VALUES ('DEF456', '2024-06-07', 1002, 'ABC567');  
INSERT INTO BUS\_DRIVER (BUS\_DRIVER\_ID, DATE, BUS\_ID, DRIVER\_ID)   
VALUES ('GHI789', '2024-06-08', 1003, 'NZ1234');  
INSERT INTO BUS\_DRIVER (BUS\_DRIVER\_ID, DATE, BUS\_ID, DRIVER\_ID)   
VALUES ('JKL012', '2024-06-09', 1004, 'ABC567');  
INSERT INTO BUS\_DRIVER (BUS\_DRIVER\_ID, DATE, BUS\_ID, DRIVER\_ID)   
VALUES ('MNO345', '2024-06-10', 1005, 'NZ1234');

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DRIVER** | **DESCRIPTION** | | | | |
| DRIVER | The Driver entity includes Driver personal information like ID, name and contact information | | | | |
| **Field Name** | **Description** | **Data type** | **Key field** | **Constraints** | **Example** |
| DRIVER\_ID | Unique id for each Driver | Text | PK | NOT NULL | NZ1234 |
| DRIVER\_NAME | Name of each Driver | Text |  | NOT NULL | JUAN, SAIF |
| DRIVER\_CONTACT | Contact number of each | Integer |  | NOT NULL | 0210987653 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BUS\_DRIVER** | **DESCRIPTION** | | | | |
| BUS\_DRIVER | The Bus Driver entity includes Bus Driver personal information like ID, date and the foreign keys | | | | |
| **Field Name** | **Description** | **Data type** | **Key field** | **Constraints** | **Example** |
| BUS\_DRIVER ID | Unique id for each Bus Driver | Text | PK | NOT NULL | ABC123 |
| DATE | Date of the Bus scheduled for the Driver | Integer |  | NOT NULL | 06-06-2024 |
| BUS\_ID | Bus id of Bus | Integer | FK | NOT NULL | 1001 |
| DRIVER\_ID | Driver id of the Driver | Text | FK | NOT NULL | NZ1234 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BUS** | **DESCRIPTION** | | | | |
| BUS | The Bus entity includes Bus personal information like ID, plate number and model of bus | | | | |
| **Field Name** | **Description** | **Data type** | **Key field** | **Constraints** | **Example** |
| BUS\_ID | Unique id for each Bus | Integer | PK | NOT NULL | 1001 |
| BUS\_PLATE\_NUMBER | The Plate number of the bus | Text |  | NOT NULL | 6ACB23 |
| BUS\_MODEL | The model of the bus | Text |  | NOT NULL | Mercedes-Benz T2 |