

DLL Script

DROP TABLE IF EXISTS Member_Books_Session, Member_Follows_Plan, Payment, Session, Workout_Plan, Trainer, Member;

-- 1. MEMBER TABLE

```
CREATE TABLE Member (  
    Member_ID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Age INT,  
    DOB DATE,  
    Contact_NO VARCHAR(15),  
    Email VARCHAR(100),  
    Membership_Type VARCHAR(50)  
);
```

-- 2. TRAINER TABLE

```
CREATE TABLE Trainer (  
    Trainer_ID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Contact_NO VARCHAR(15),  
    Specialization VARCHAR(100)  
);
```

-- 3. WORKOUT_PLAN TABLE

```
CREATE TABLE Workout_Plan (  
    Plan_ID INT PRIMARY KEY,  
    Plan_Name VARCHAR(100),  
    Description TEXT,  
    Duration VARCHAR(50),  
    Trainer_ID INT,  
    FOREIGN KEY (Trainer_ID) REFERENCES Trainer(Trainer_ID)  
);
```

-- 4. SESSION TABLE

```
CREATE TABLE Session (  
    Session_ID INT PRIMARY KEY,
```

```
Date DATE,  
Time TIME,  
Member_ID INT,  
Trainer_ID INT,  
FOREIGN KEY (Member_ID) REFERENCES Member(Member_ID),  
FOREIGN KEY (Trainer_ID) REFERENCES Trainer(Trainer_ID)  
);
```

-- 5. PAYMENT TABLE

```
CREATE TABLE Payment (  
    Payment_ID INT PRIMARY KEY,  
    Member_ID INT,  
    Amount DECIMAL(10,2),  
    Payment_Status VARCHAR(50),  
    Date DATE,  
    FOREIGN KEY (Member_ID) REFERENCES Member(Member_ID)  
);
```

-- 6. MEMBER_FOLLOWS_PLAN TABLE (M:N)

```
CREATE TABLE Member_Follows_Plan (  
    Member_ID INT,  
    Plan_ID INT,  
    PRIMARY KEY (Member_ID, Plan_ID),  
    FOREIGN KEY (Member_ID) REFERENCES Member(Member_ID),  
    FOREIGN KEY (Plan_ID) REFERENCES Workout_Plan(Plan_ID)  
);
```

-- 7. MEMBER_BOOKS_SESSION TABLE (M:N)

```
CREATE TABLE Member_Books_Session (  
    Member_ID INT,  
    Session_ID INT,  
    PRIMARY KEY (Member_ID, Session_ID),  
    FOREIGN KEY (Member_ID) REFERENCES Member(Member_ID),  
    FOREIGN KEY (Session_ID) REFERENCES Session(Session_ID)  
);
```