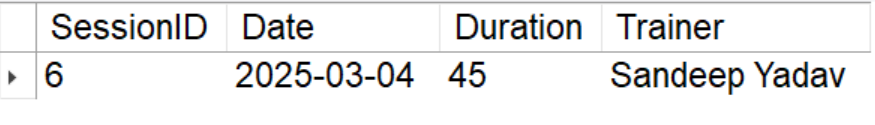
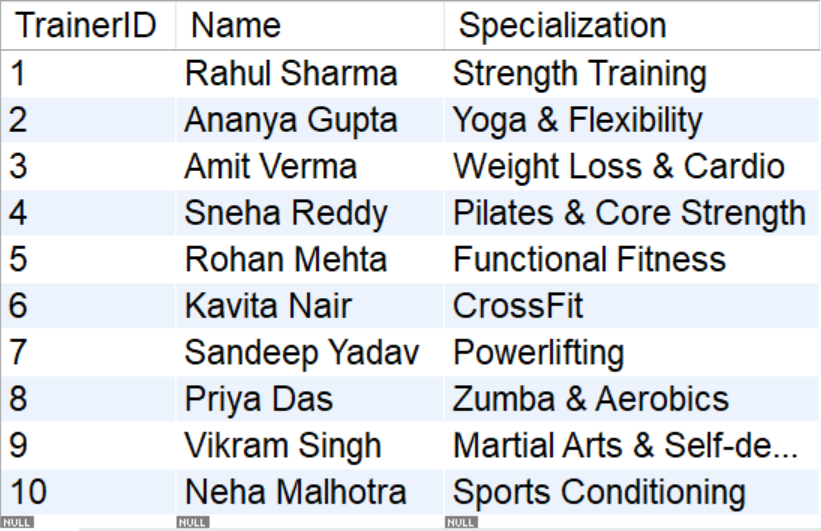
**OPERATIONAL QUERY**

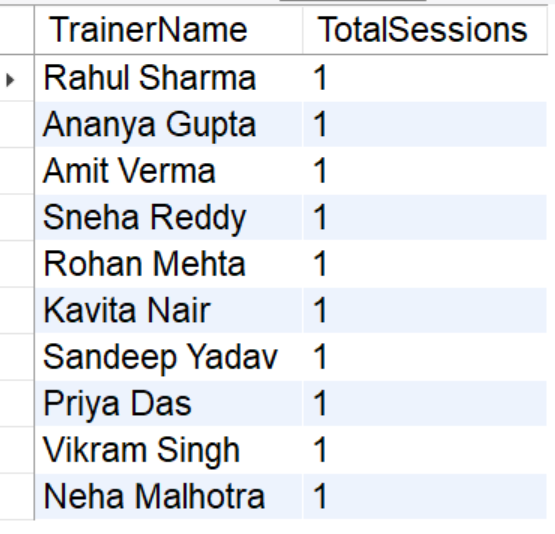
**# Retrieve all sessions attended by a specific member**



**# List all trainers and their specializations**



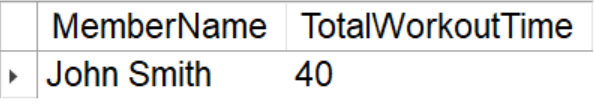
**# Find the number of sessions conducted by each trainer**



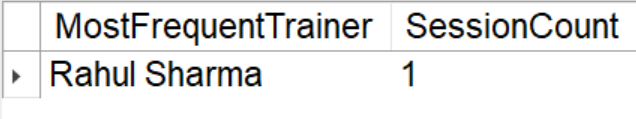
**# Update membership type for a specific member**



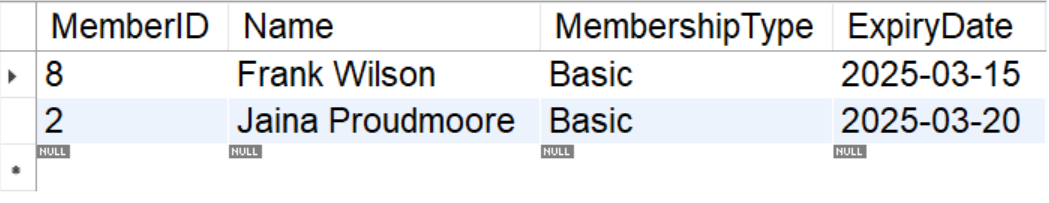
**# Calculate the total duration of workout sessions for a member**



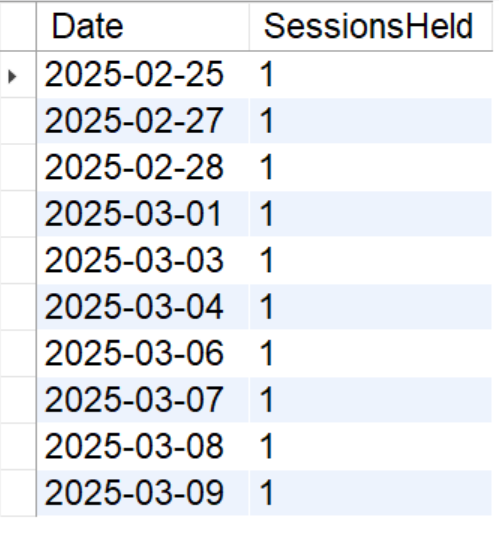
**# Identify the most frequently attended trainer**



**# Retrieve members with expired memberships**



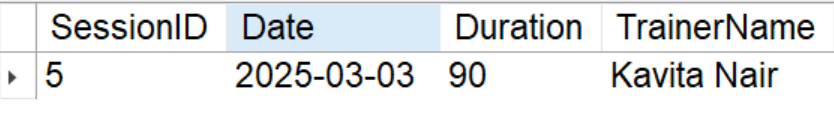
**# Fetch the busiest training days**



**STORED PROCEDURES**

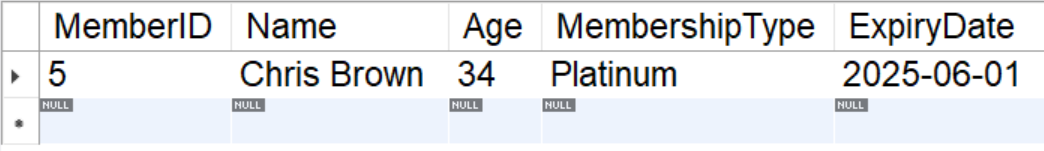
# Get all sessions attended by a member

CALL GetSessionsByMember(2)



# Extend Membership by N Days

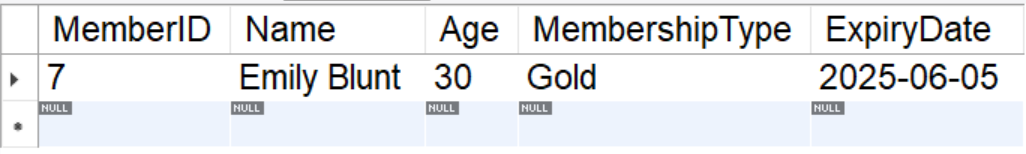
CALL ExtendMembership(1,31)



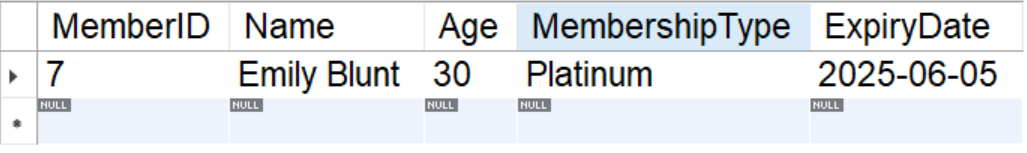
# Update a member’s membership type

CALL UpdateMembershipType(7,'Platinum')

OLD

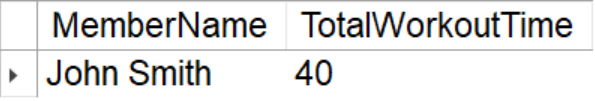


AFTER UPDATION



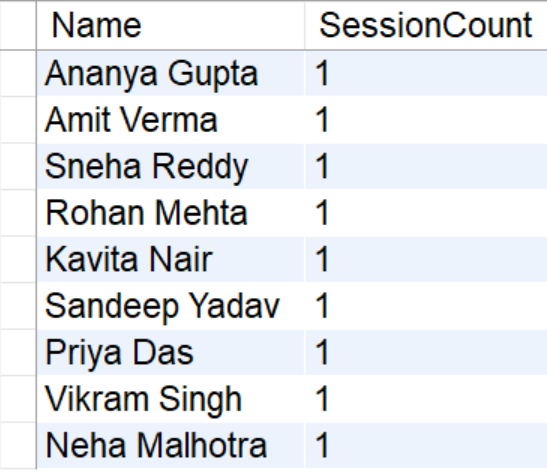
# Get total duration of sessions for a member

CALL GetTotalWorkoutDuration(6)



# Trainers with number of sessions

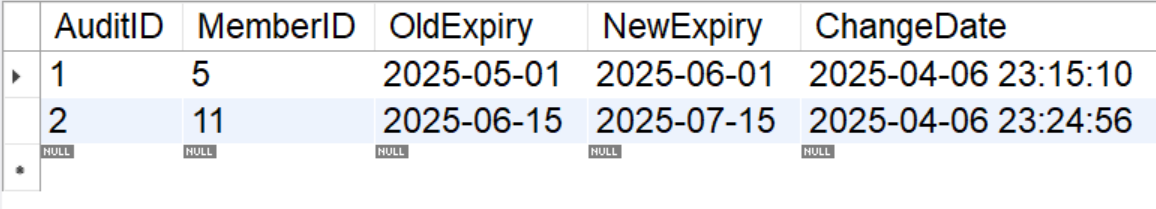
CALL TrainerSessionCount()



TRIGGERS

# logs changes to a member’s expiry date into the membership\_audit table whenever the ExpiryDate is updated

trg\_log\_expiry\_update



# Prevent Booking Sessions for Expired Members

trg\_prevent\_expired\_sessions

