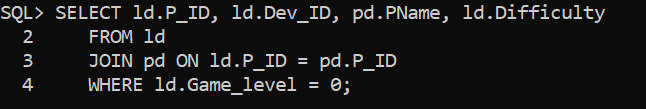
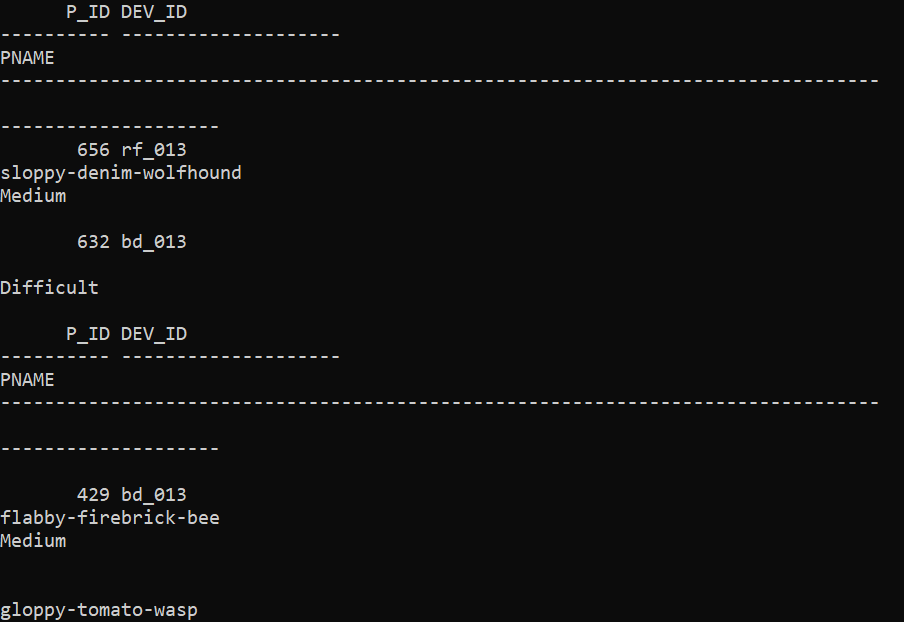
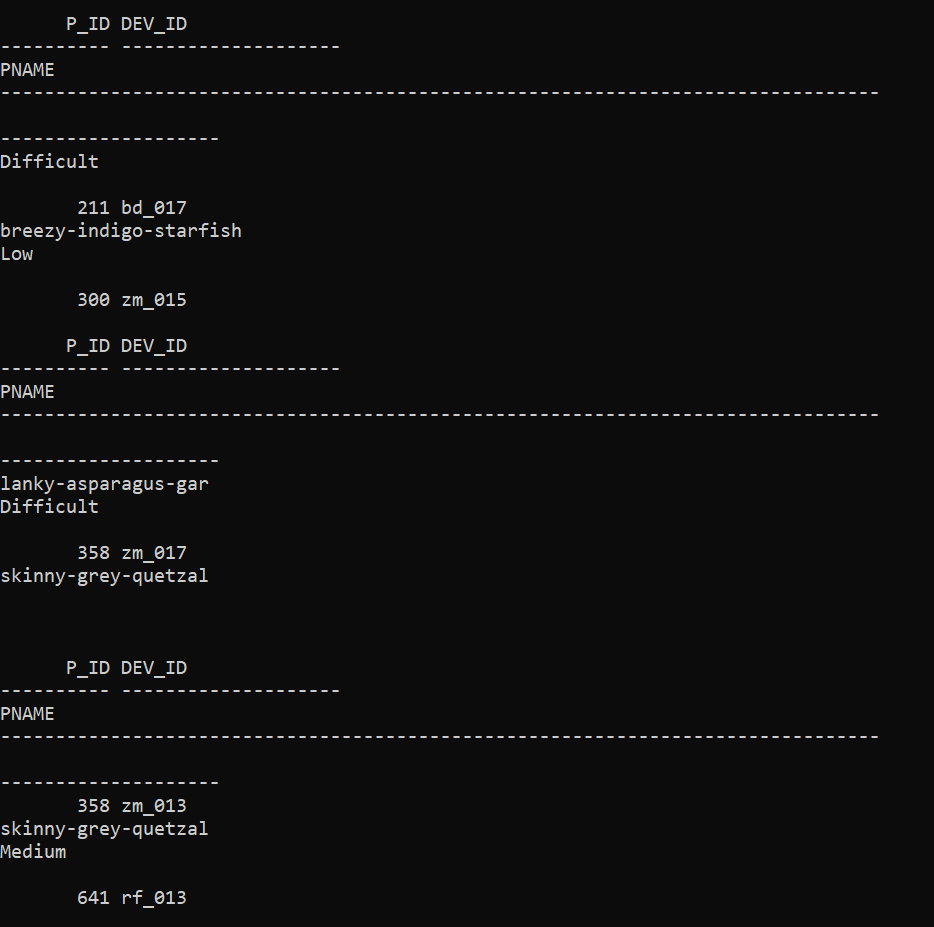
Game analyses

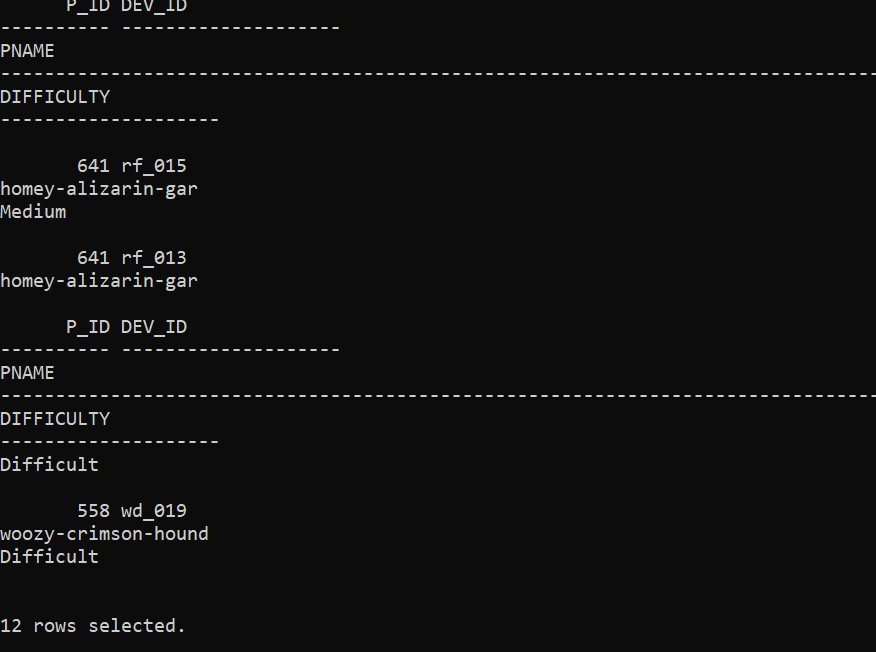
Q1) Extract P\_ID,Dev\_ID,PName and Difficulty\_level of all players

-- at level 0

Ans:

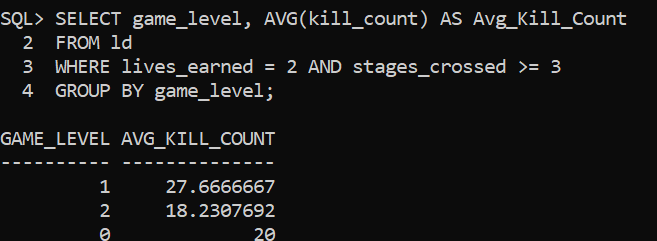






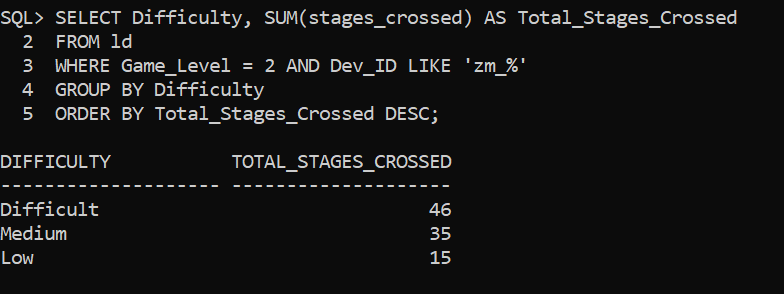
Q2) Find Level1\_code wise Avg\_Kill\_Count where lives\_earned is 2 and atleast--3 stages are crossed

Ans:



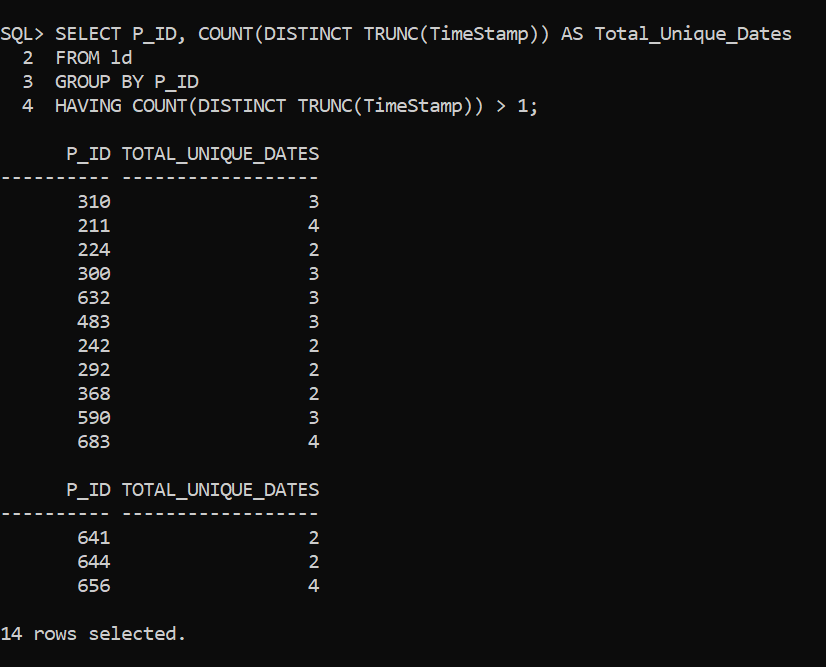
Q3) Find the total number of stages crossed at each diffuculty levelwhere for Level2 with players use zm\_series devices. Arrange the result in decsreasing order of total number of stages crossed.

Ans:



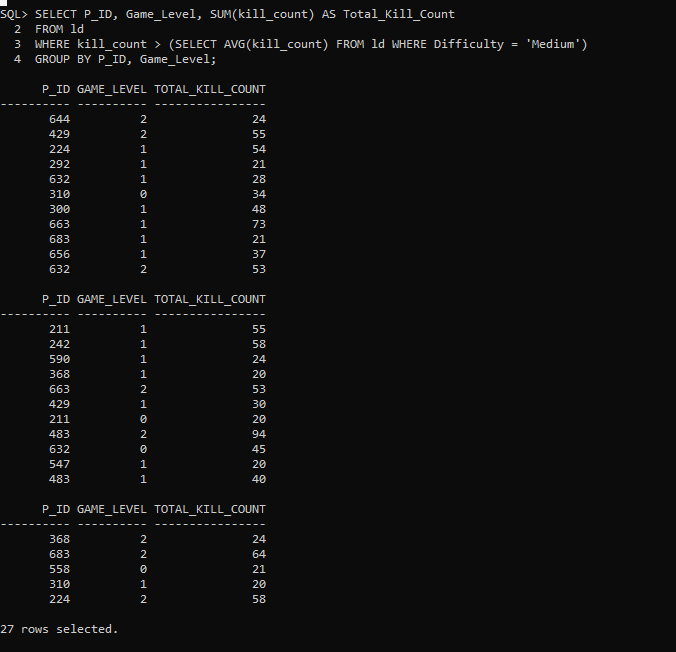
Q4) Extract P\_ID and the total number of unique dates for those players who have played games on multiple days.

Ans:



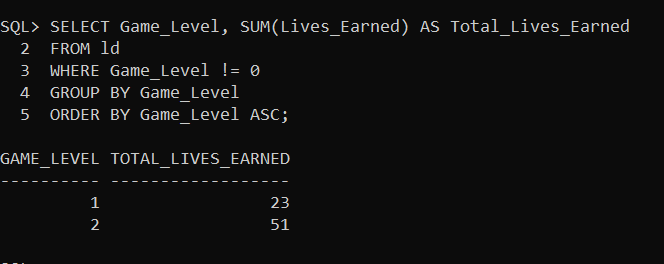
Q5) Find P\_ID and level wise sum of kill\_counts where kill\_count is greater than avg kill count for the Medium difficulty.

Ans:



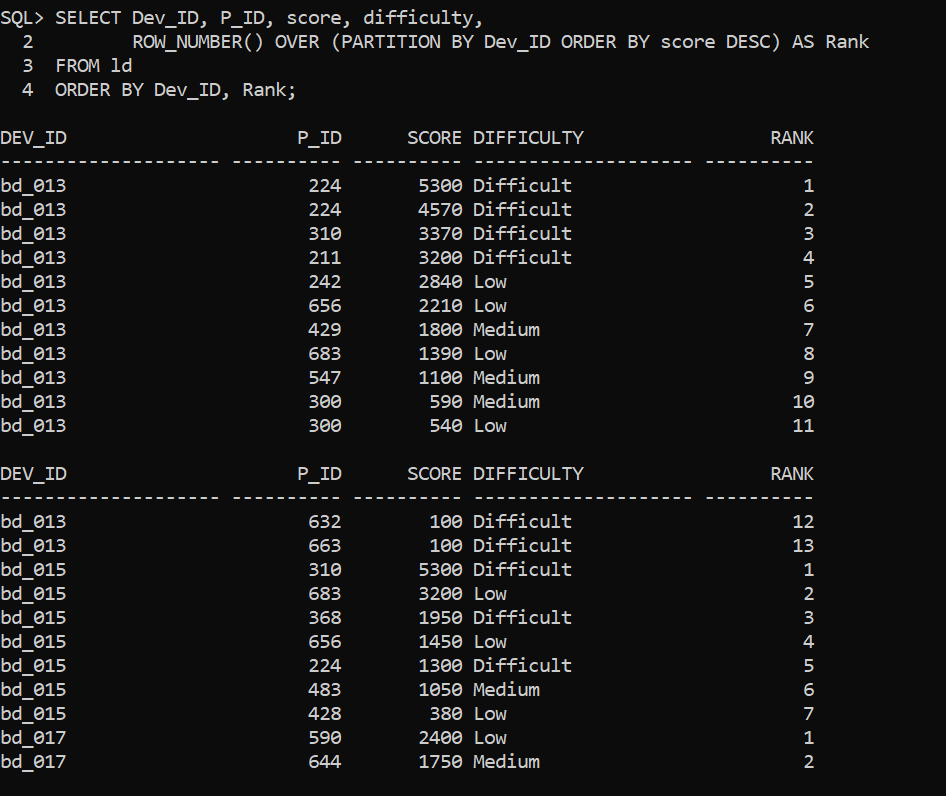
Q6) Find Level and its corresponding Level code wise sum of lives earned excluding level 0. Arrange in asecending order of level.

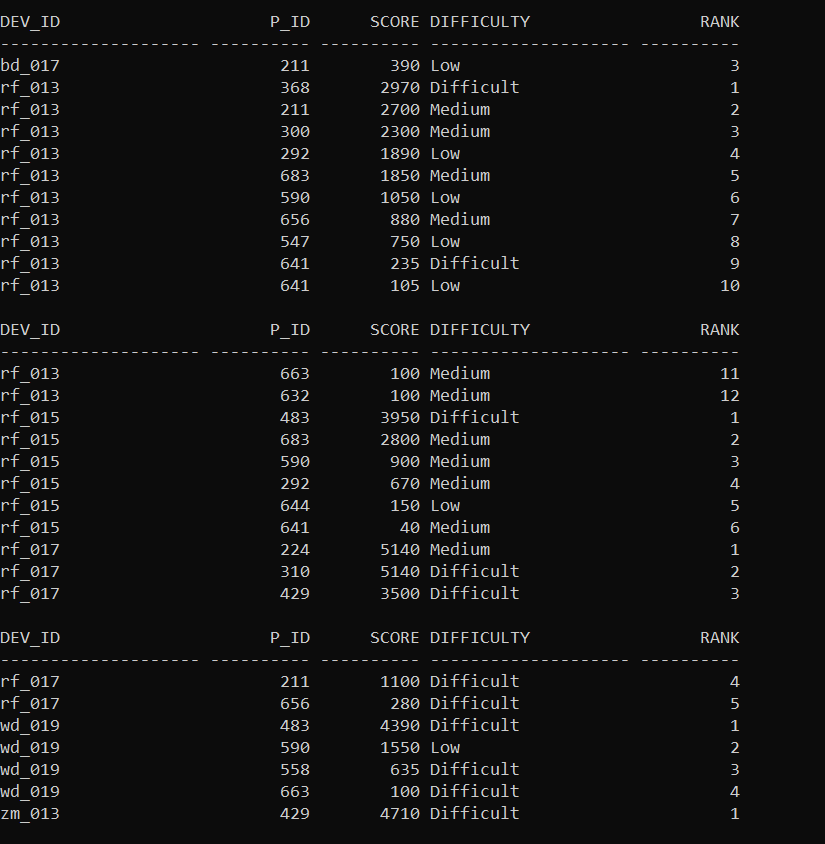
Ans:

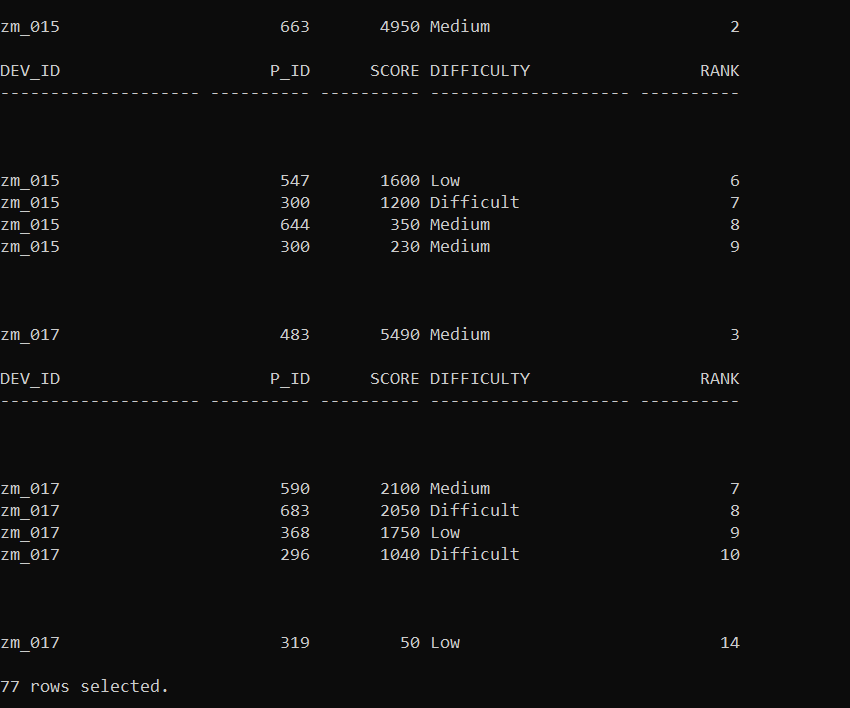


Q7) Find Top 3 score based on each dev\_id and Rank them in increasing order using Row\_Number. Display difficulty as well.

Ans:

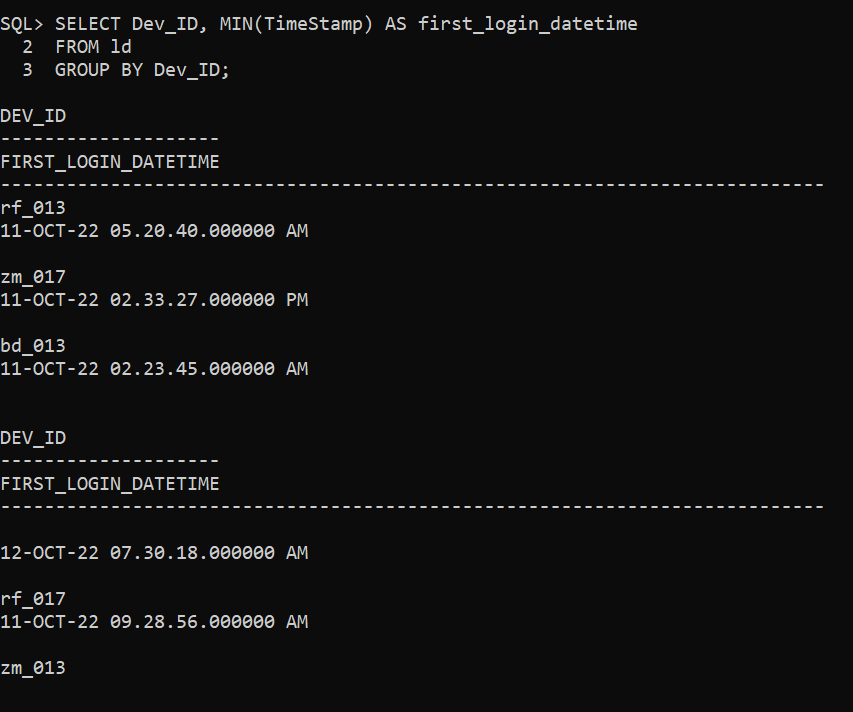


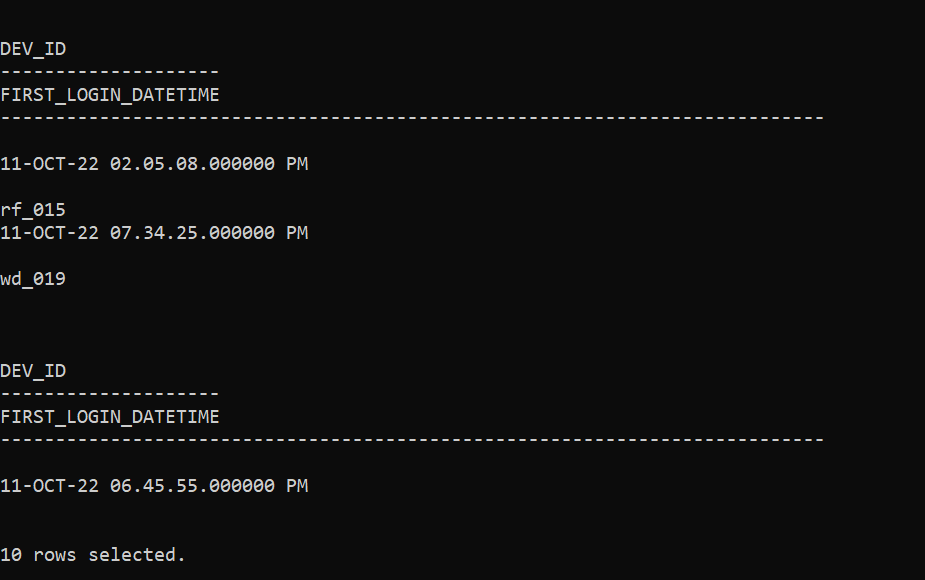




Q8) Find first\_login datetime for each device id

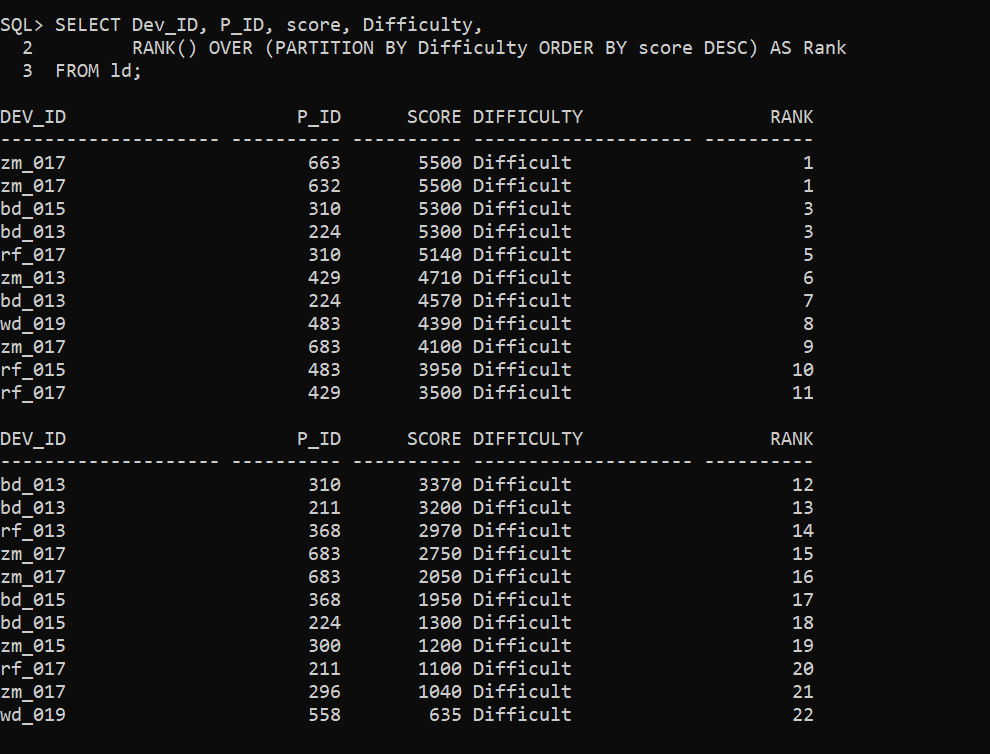
Ans:

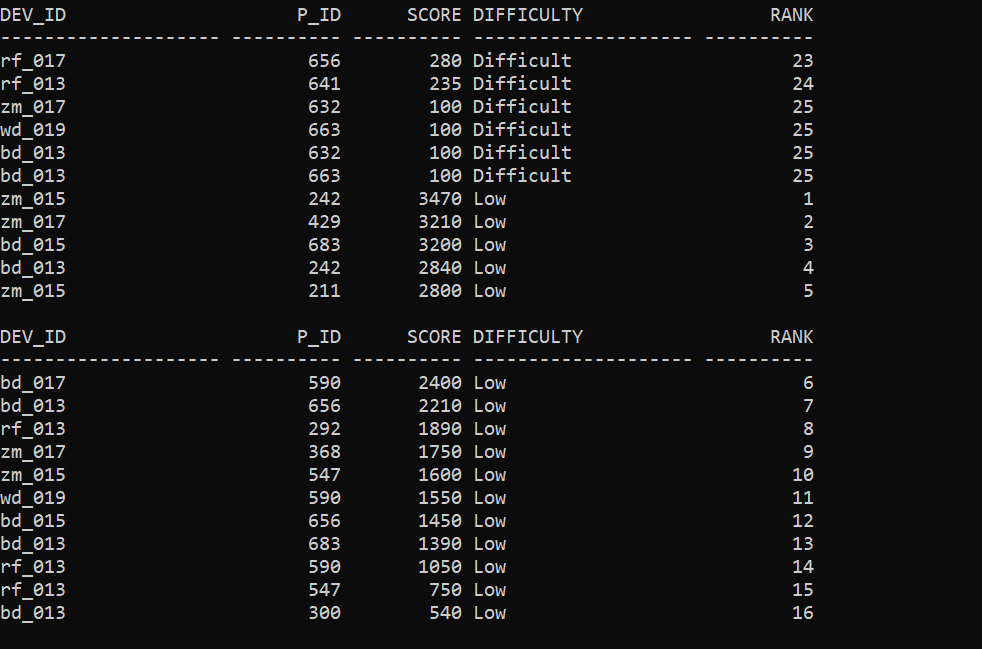


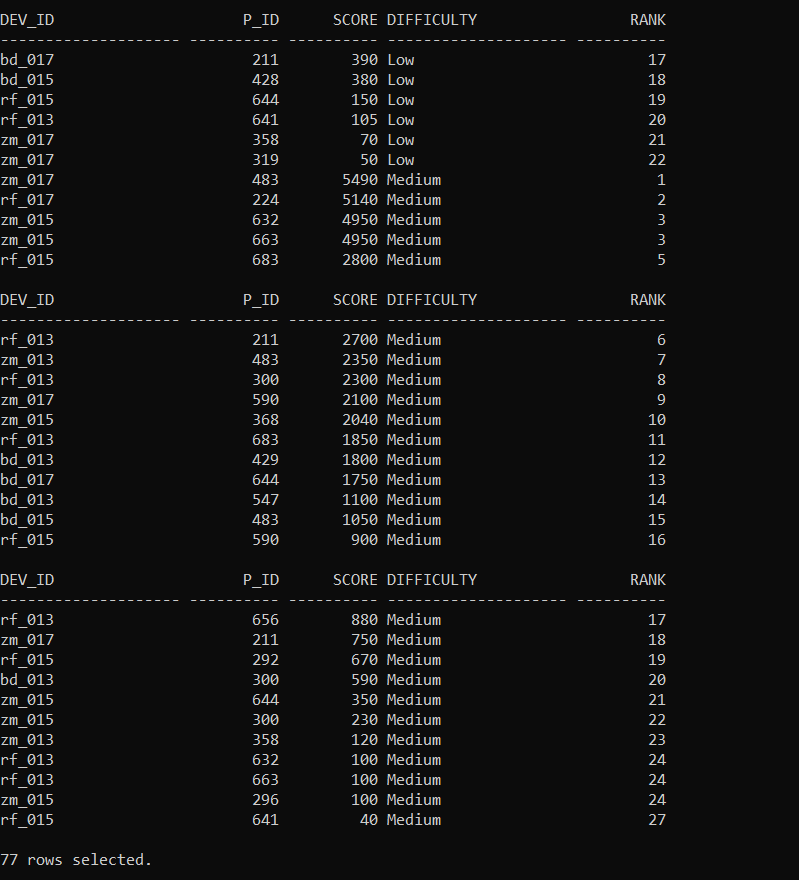


Q9) Find Top 5 score based on each difficulty level and Rank them in increasing order using Rank. Display dev\_id as well.

Ans:

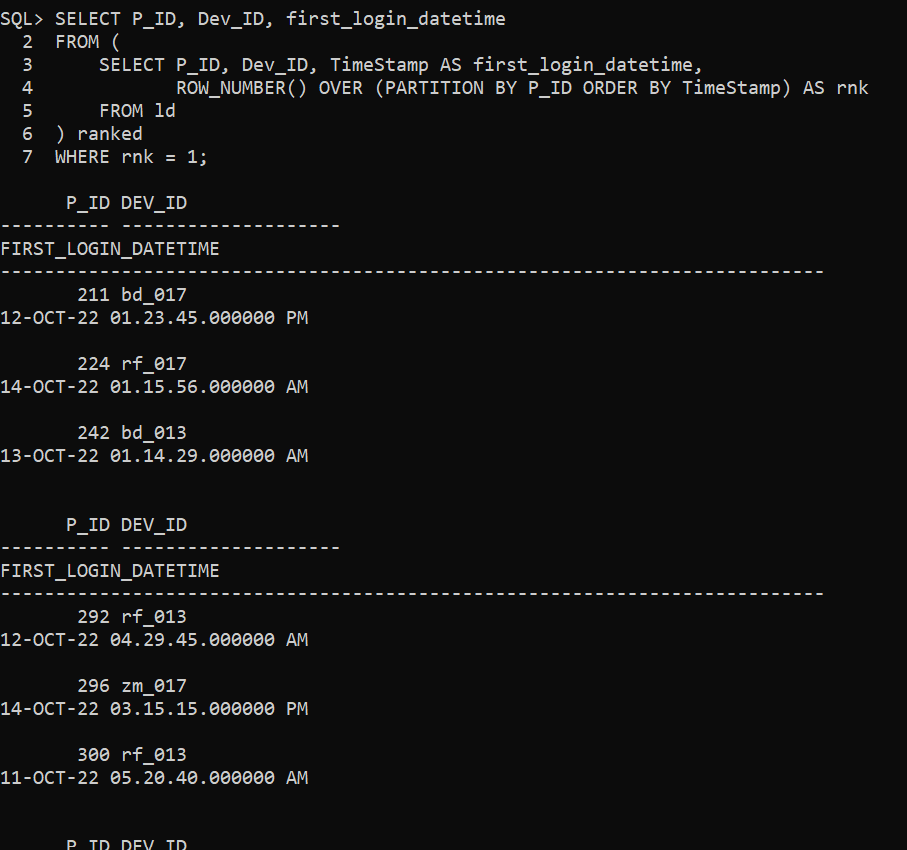


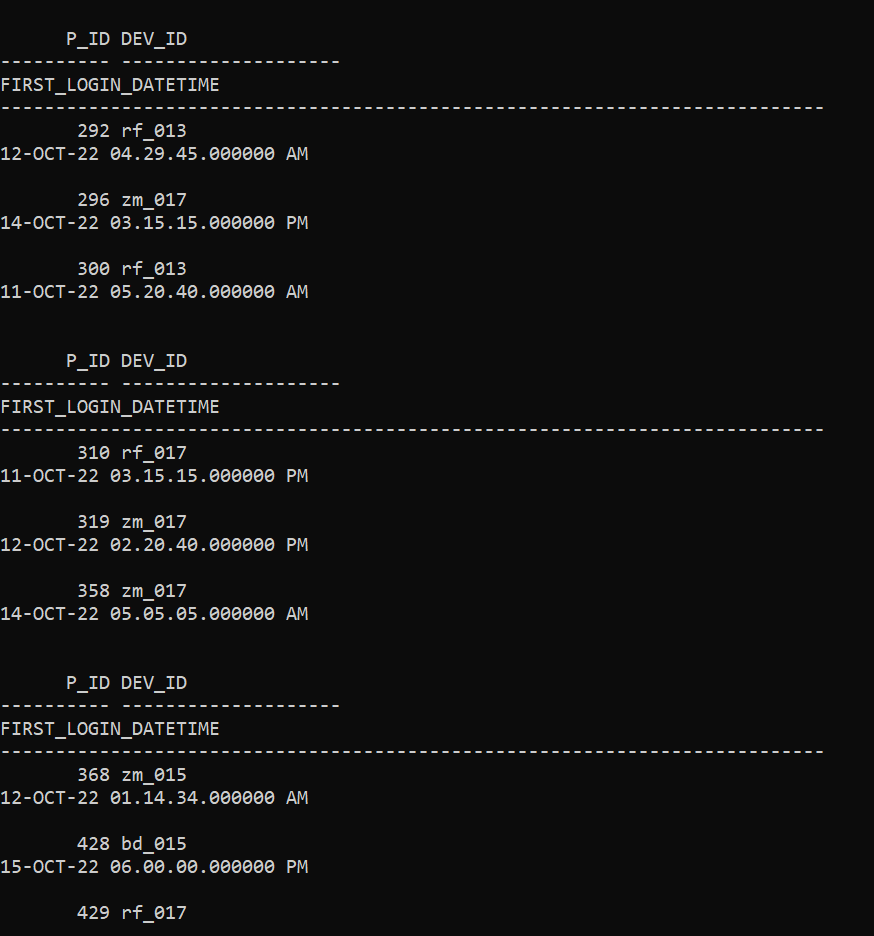


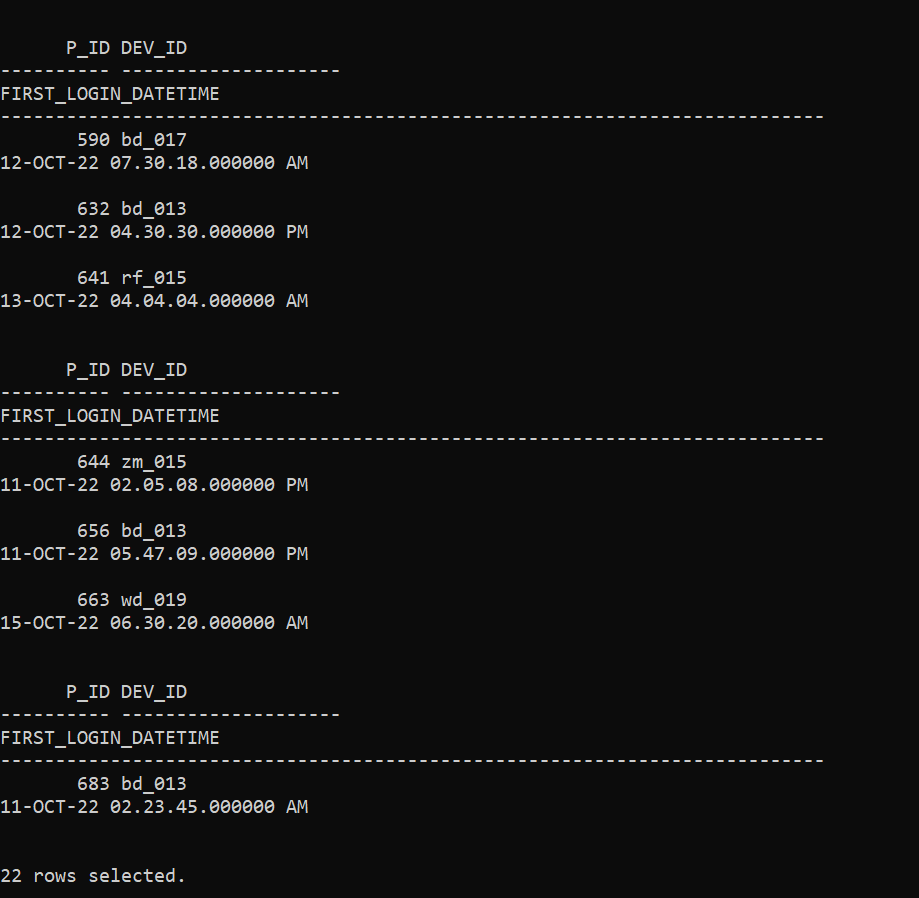


Q10) Find the device ID that is first logged in(based on start\_datetime)for each player(p\_id). Output should contain player id,device id and first login datetime.

Ans:



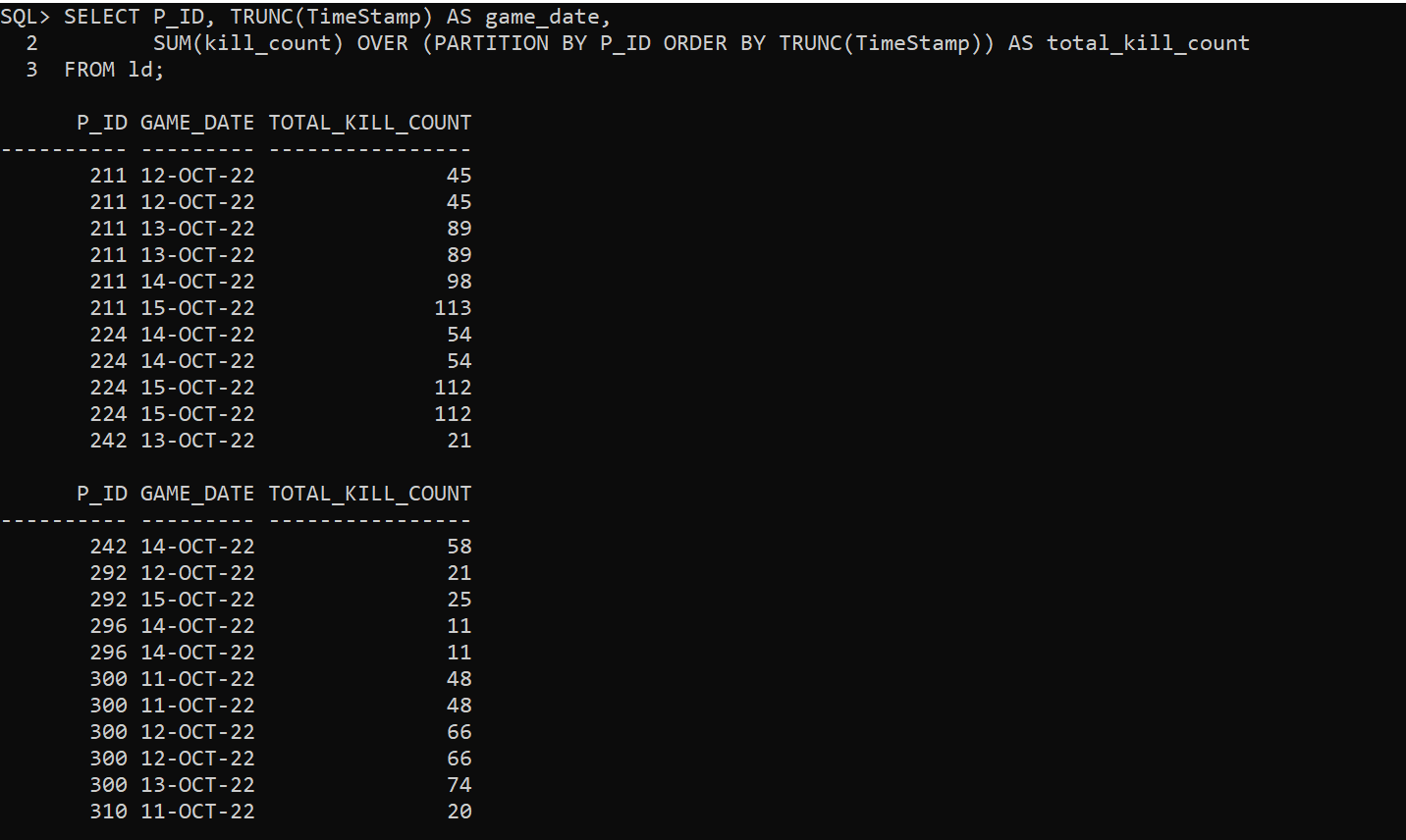


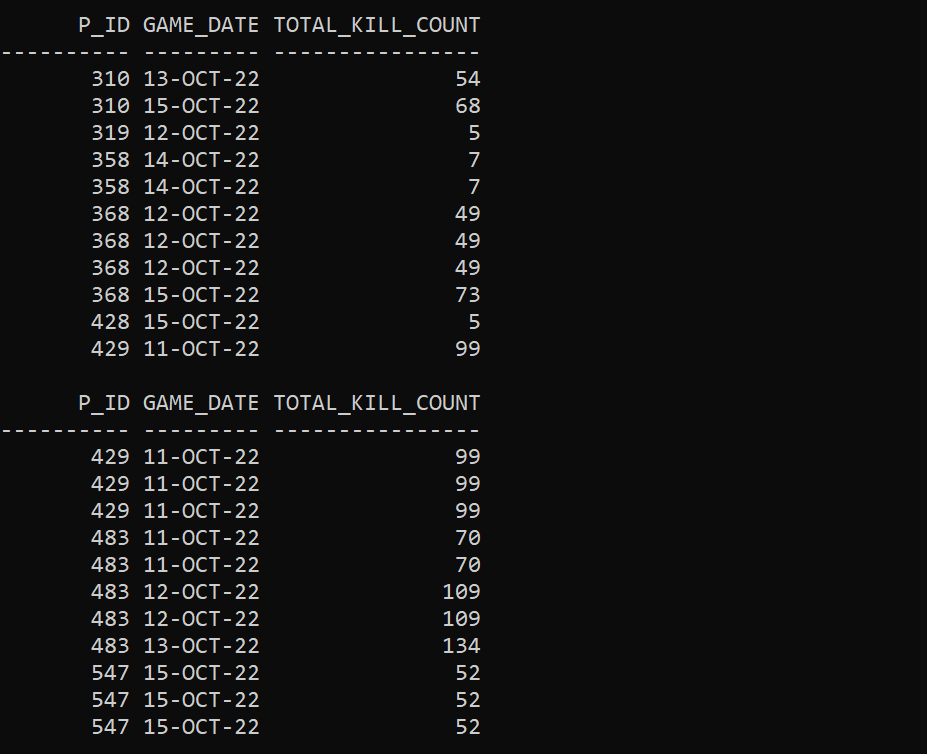


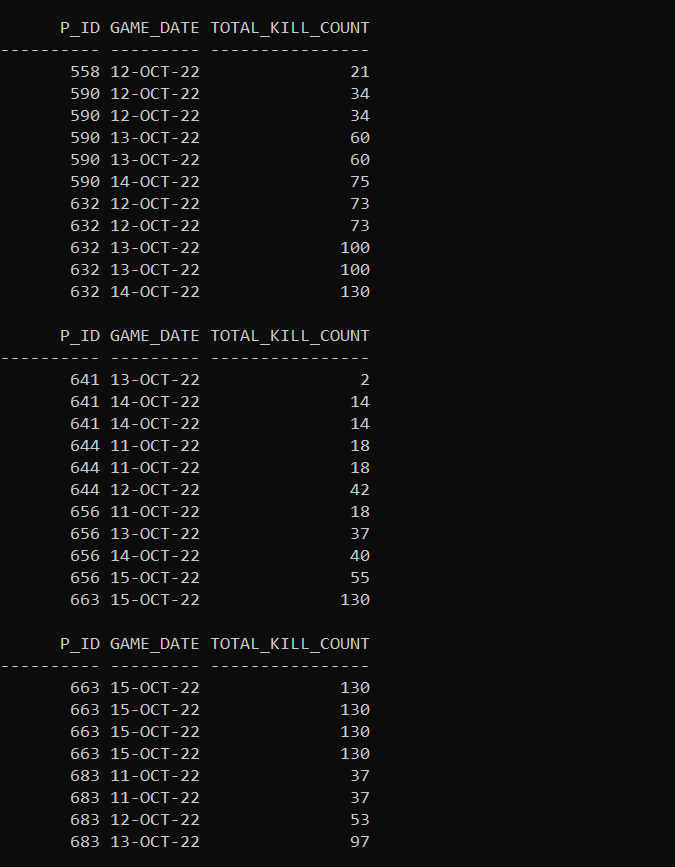
Q11) For each player and date, how many kill\_count played so far by the player. That is, the total number of games played -- by the player until that date.

a) window function

Ans:



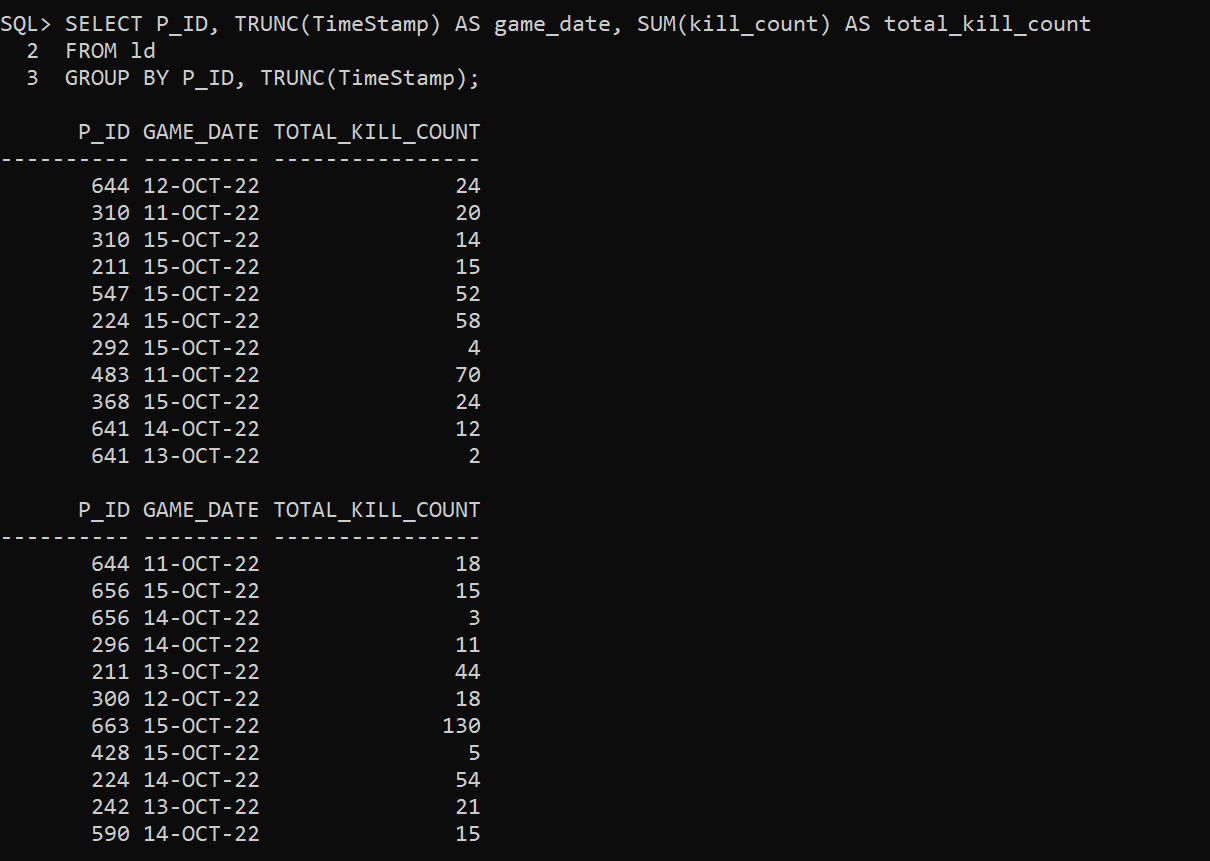


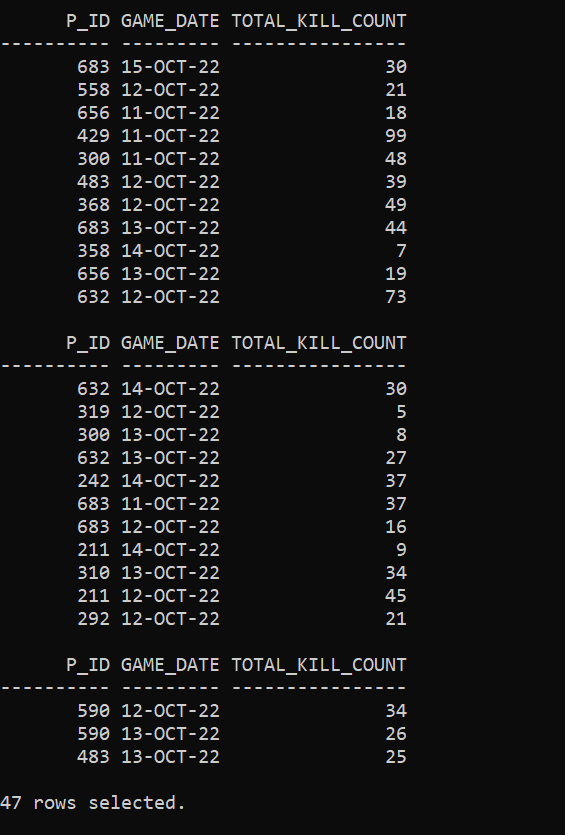




b) without window function

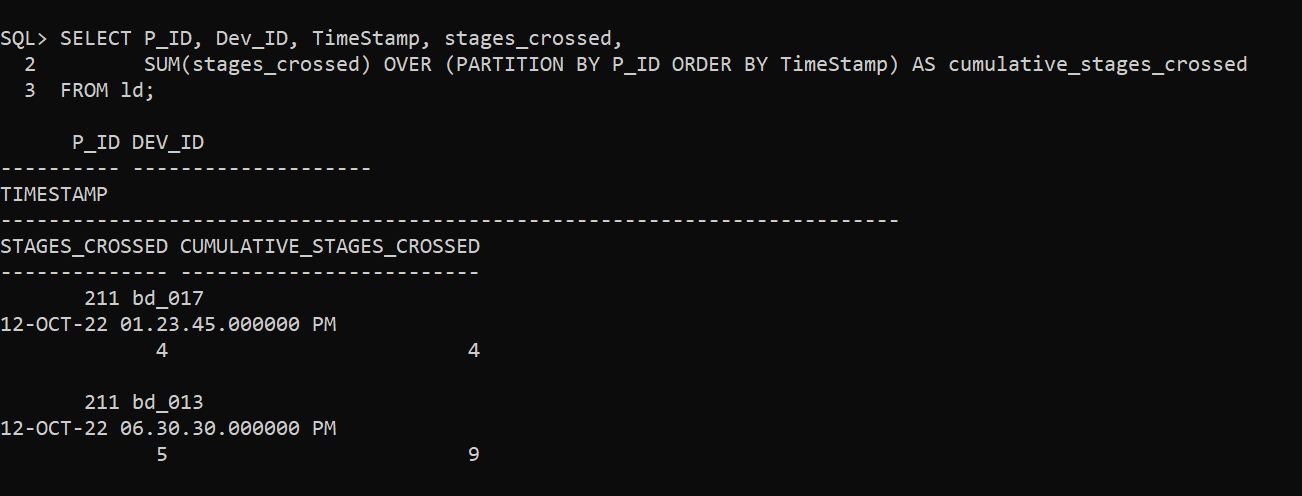
Ans:

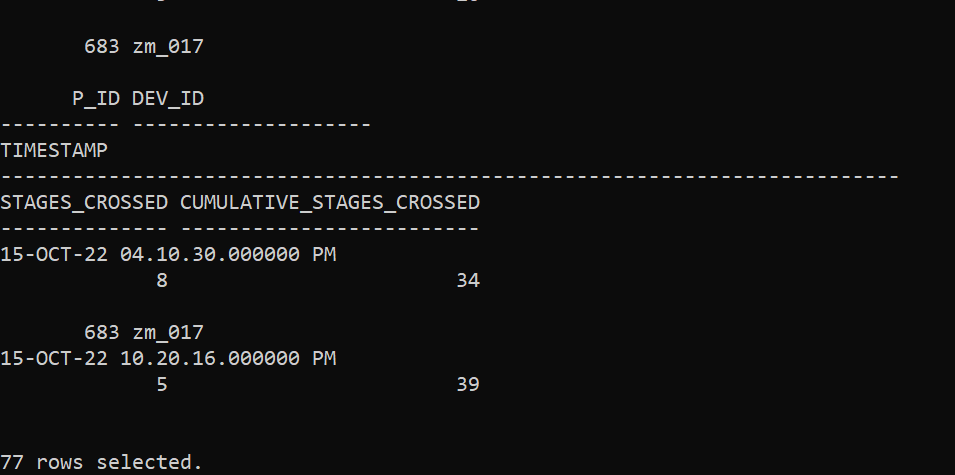




Q12) Find the cumulative sum of stages crossed over a start\_datetime

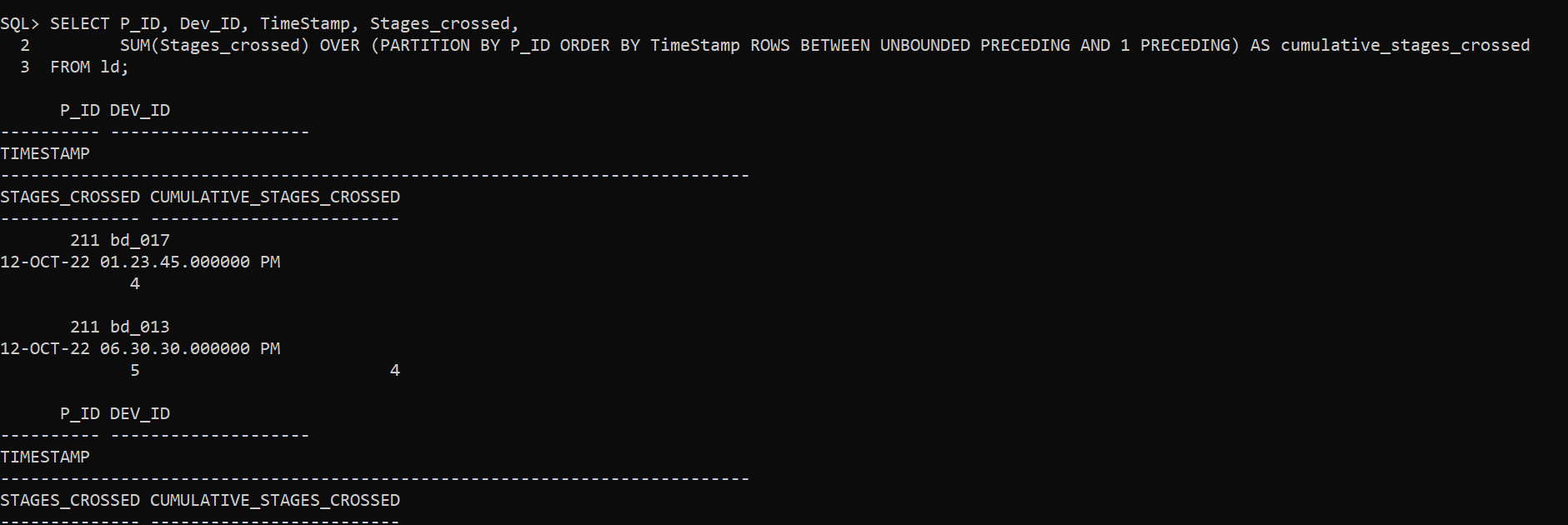
ANS:

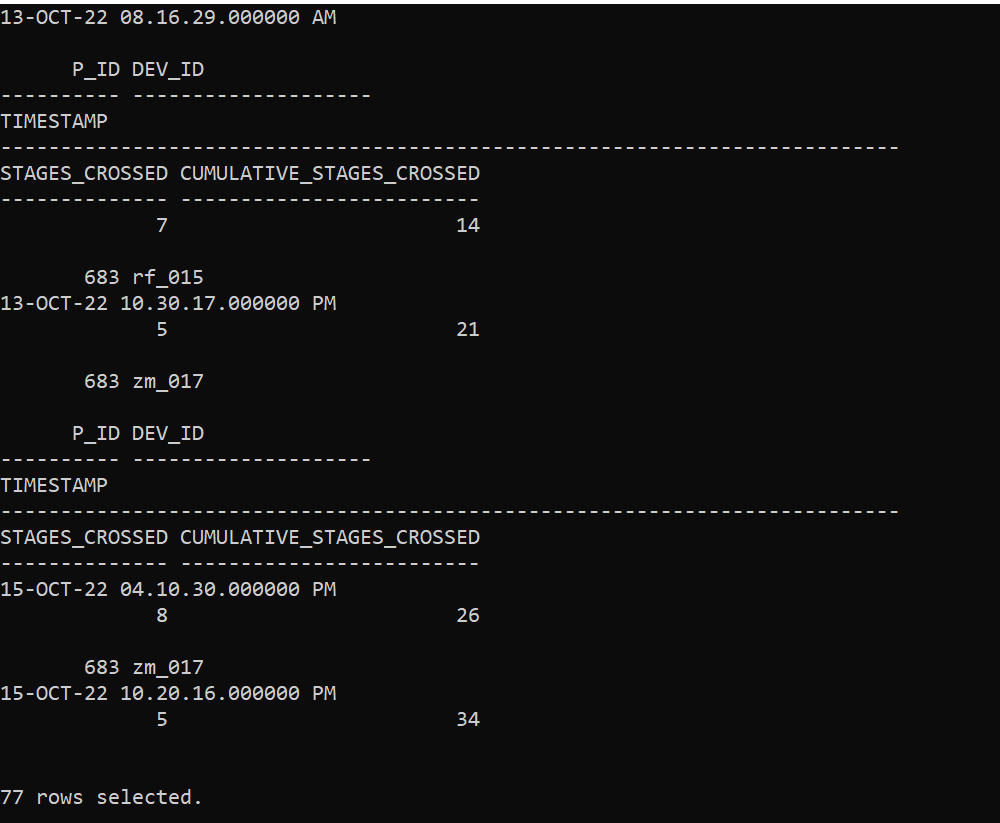




Q13) Find the cumulative sum of an stages crossed over a start\_datetime for each player id but exclude the most recent start\_datetime

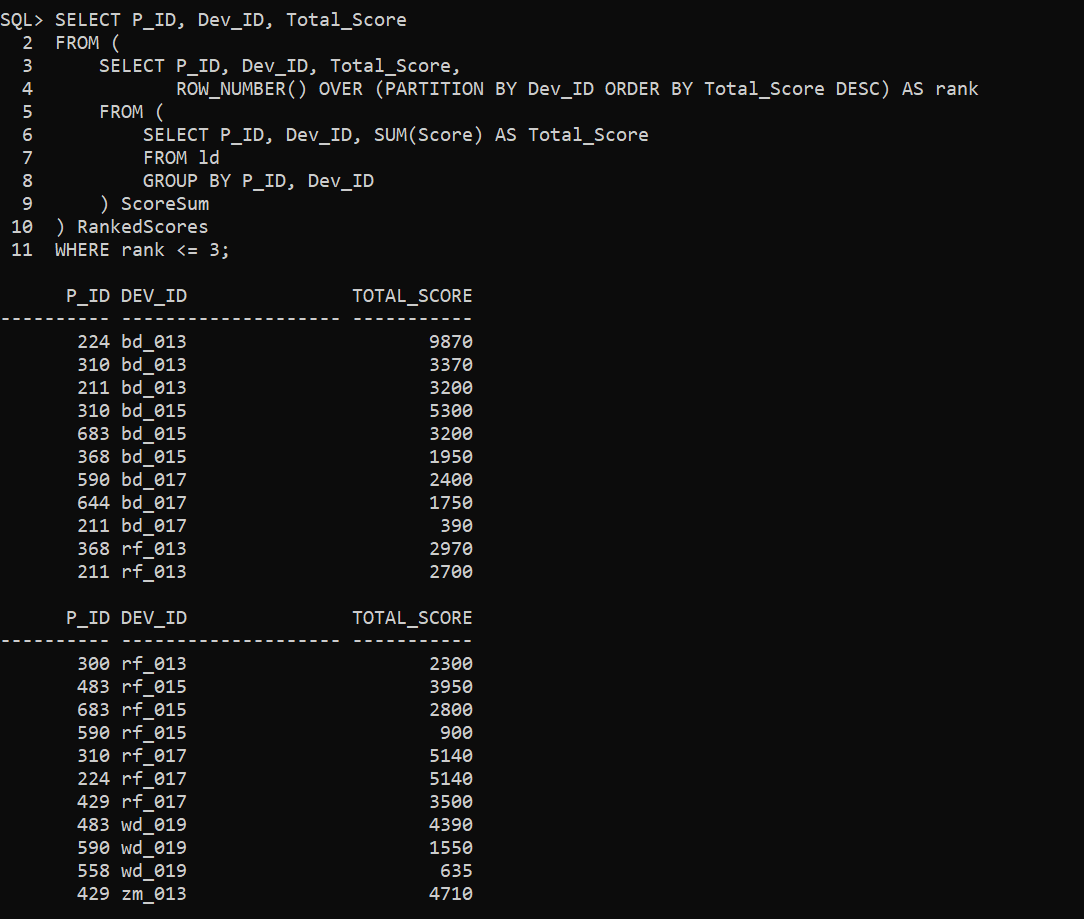
ANS:

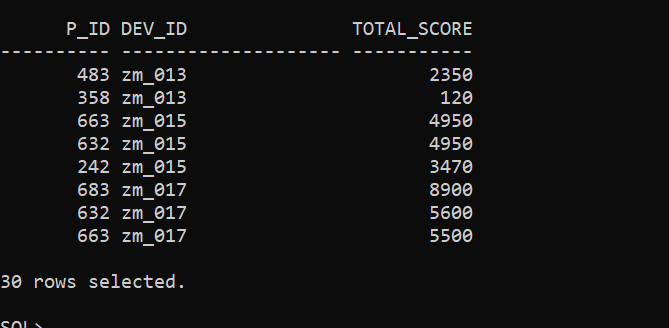




Q14) Extract top 3 highest sum of score for each device id and the corresponding player\_id

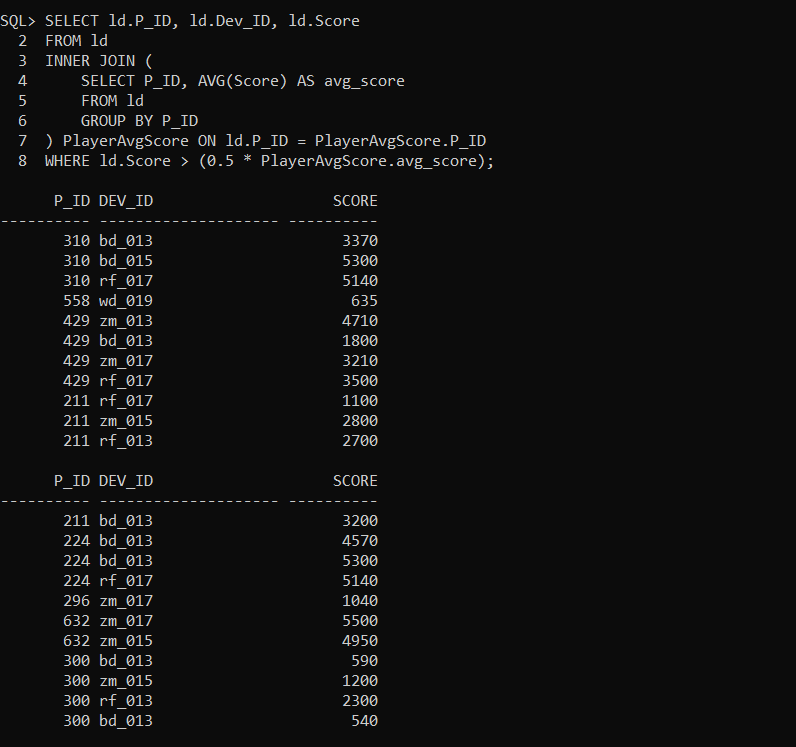
Ans:

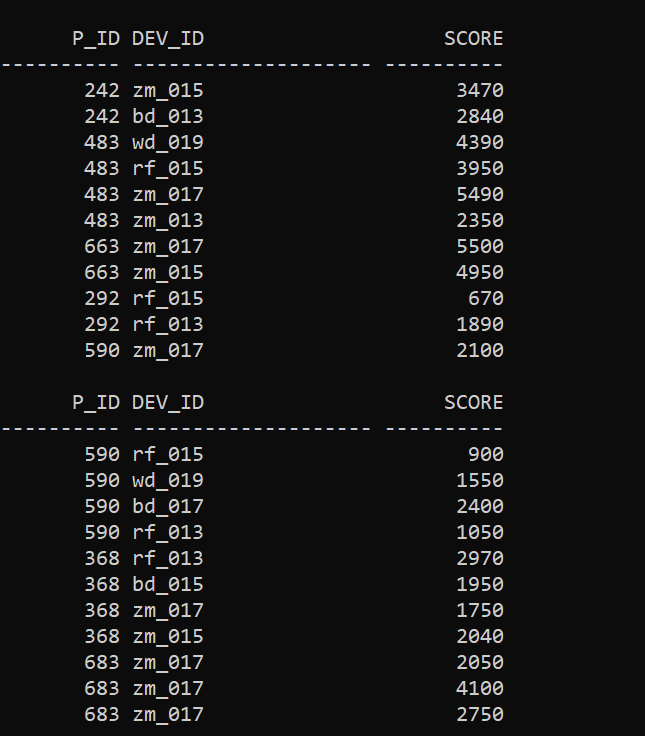


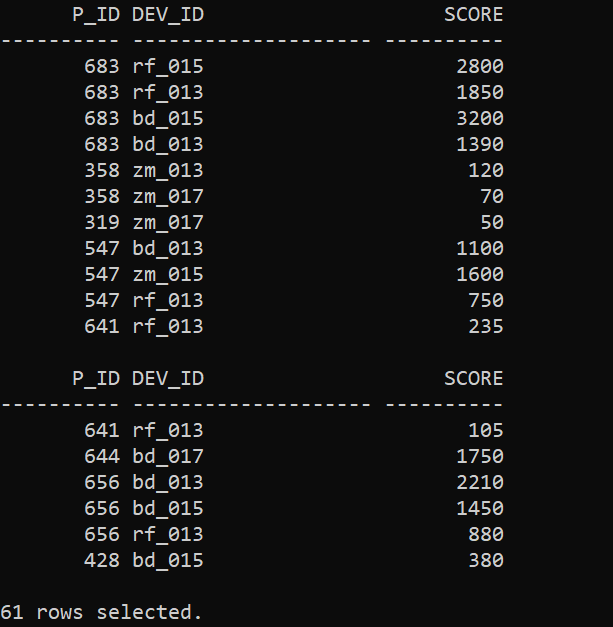


Q15) Find players who scored more than 50% of the avg score scored by sum of scores for each player\_id

Ans:

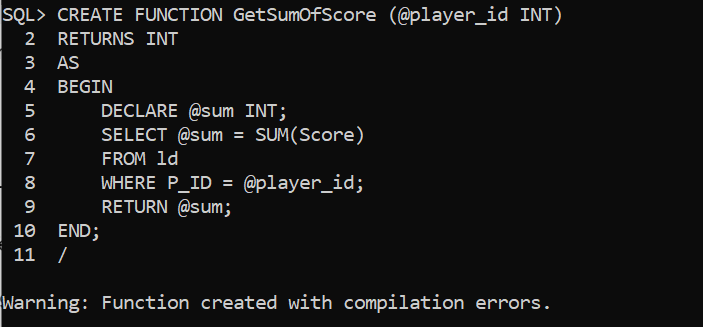






Q16) Create a stored procedure to find top n headshots\_count based on each dev\_id and Rank them in increasing orderusing Row\_Number. Display difficulty as well.

Ans:



Q17) Create a function to return sum of Score for a given player\_id.

Ans:

