TASKS 2 – COMMANDS TABLE GAMES

CREATE TABLE IF NOT EXISTS games\_played (

id INTEGER PRIMARY KEY NOT NULL,

player\_id INTEGER,

game\_name TEXT,

score REAL);

INSERT INTO games\_played

VALUES

(13, 1, 'smash', 10.0),

(24, 1, 'advance', 5.3),

(46, 24, 'drive', 4.0),

(98, 212, 'smash', 1.3),

(129, 146, 'fly', 12.8),

(167, 985, 'smash', 6.7),

(193, 212, 'smash', 3.5),

(255, 3978, 'smash', 12.0),

(356, 3978, 'fly', 9.2),

(418, 212, 'advance', 1.1),

(402, 24, 'smash', 8.4),

(512, 1, 'fly', 5.7),

(515, 3978, 'fly', 11.4),

(547, 212, 'drive', 13.9),

(550, 3978, 'fly', 14.3),

(589, 146, 'smash', 5.4),

(595, 1, 'smash', 11.4),

(609, 212, 'fly', 13.8),

(677, 985, 'fly', 10.1),

(846, 212, 'advance', 6.6),

(890, 24, 'fly', 8.3),

(910, 4809, 'advance', 3.1),

(1345, 3978, 'fly', 8.6);

**Let’s check the maximum score for each player.**

SELECT player\_id, MAX(score) as Max\_Score

FROM games\_played

GROUP BY player\_id;

**What If we wanted to see how many games are there?**

SELECT DISTINCT game\_name

FROM games\_played;

**Let’s check the total number of games played.**

SELECT COUNT (game\_name)

AS Game\_Count

FROM Games\_Played;

**Let’s count the number of times a game has been played.**

SELECT game\_name,

COUNT (game\_name)

AS each\_game\_played

FROM games\_played

GROUP BY game\_name;

**Let’s see the average score for each game.**

SELECT game\_name,

AVG(score) average\_score\_per\_game

FROM games\_played GROUP BY game\_name;

**Update games\_played table for player\_id 24 for the game “drive”. Add 1 score with the previous score.**

UPDATE games\_played SET score = score + 1

WHERE player\_id = 24 AND game\_name = ‘drive’;

UPDATE games\_played SET game\_name = 'smashes' WHERE game\_name = "smash";

UPDATE games\_played SET score = score+1 WHERE player\_id = 24 AND game\_name = ‘drive’;

ALTER Table games\_played ADD COLUMN rank TEXT;

ALTER Table games\_played DROP COLUMN rank;

ALTER Table games\_played ADD COLUMN rank TEXT;

UPDATE games\_played SET rank = 'Start' WHERE score >=12;

UPDATE games\_played SET rank = 'Moderate' WHERE score >=8 AND score < 12;