#! /bin/bash

PSQL="psql --username=freecodecamp --dbname=worldcup --no-align --tuples-only -c"

# Do not change code above this line. Use the PSQL variable above to query your database.

echo -e "\nTotal number of goals in all games from winning teams:"

echo "$($PSQL "SELECT SUM(winner\_goals) FROM games")"

echo -e "\nTotal number of goals in all games from both teams combined:"

echo "$($PSQL "SELECT SUM(winner\_goals + opponent\_goals) FROM games")"

echo -e "\nAverage number of goals in all games from the winning teams:"

echo "$($PSQL "SELECT AVG(winner\_goals) FROM games")"

echo -e "\nAverage number of goals in all games from the winning teams rounded to two decimal places:"

echo "$($PSQL "SELECT ROUND(AVG(winner\_goals), 2) FROM games")"

echo -e "\nAverage number of goals in all games from both teams:"

echo "$($PSQL "SELECT AVG(winner\_goals + opponent\_goals) FROM games")"

echo -e "\nMost goals scored in a single game by one team:"

echo "$($PSQL "SELECT MAX(winner\_goals) FROM games")"

echo -e "\nNumber of games where the winning team scored more than two goals:"

echo "$($PSQL "SELECT COUNT(\*) FROM games WHERE winner\_goals > 2")"

echo -e "\nWinner of the 2018 tournament team name:"

echo "$($PSQL "SELECT name FROM teams INNER JOIN games ON teams.team\_id = games.winner\_id WHERE round='Final' AND year=2018")"

echo -e "\nList of teams who played in the 2014 'Eighth-Final' round:"

echo "$($PSQL "SELECT name FROM games INNER JOIN teams ON teams.team\_id = games.winner\_id OR teams.team\_id = games.opponent\_id WHERE round='Eighth-Final' AND year='2014' ORDER BY name")"

echo -e "\nList of unique winning team names in the whole data set:"

echo "$($PSQL "SELECT DISTINCT(name) FROM teams INNER JOIN games ON teams.team\_id = games.winner\_id ORDER BY name")"

echo -e "\nYear and team name of all the champions:"

echo "$($PSQL "SELECT year, name FROM teams INNER JOIN games ON teams.team\_id =games.winner\_id WHERE round='Final' ORDER BY year")"

echo -e "\nList of teams that start with 'Co':"

echo "$($PSQL "SELECT DISTINCT(name) FROM teams INNER JOIN games ON teams.team\_id = games.winner\_id OR teams.team\_id = games.opponent\_id WHERE name LIKE 'Co%'")"