

Instrumento de evaluación

Materia : Databases Unidad: 3 Tipo de Instrumento: 3
Actividad: Review Tipo de Reactivo: 6

Nombre del Maestro(a): Ariadna Derbez Calificación: _____

Nombre de Alumno(a): Victor Manuel Galvan Covarrubias Fecha: 17/08/2020

Instructions: open MySQLWorkbench and do the following instructions.

1. Create a database named Games.
2. Create a table named team with id_team interger auto increment as the primary key, team_name alphanumeric (20), number_team interger (3), phone_number interger (11) and city alphanumeric (20).
3. Create a table named players with id_member interger auto increment as the primary key, name alphanumeric (20), number interger (20), age interger and phone_number interger (11).
4. Create a table named coach with id_coach interger auto increment as the primary key, coach_name alphanumeric (20), age interger and phone_number interger (11).
5. Create a table named stadium with id_stadium interger auto increment as the primary key, stadium_name alphanumeric (20), address alphanumeric (30) and capacity interger.
6. Create a table named schedules with id_schedule interger auto increment as the primary key, date_game, team_name alphanumeric (20).
7. Set the foreing key of the table members with team.
8. Set the foreing key of the table team with coach.
9. Set the foreing key of the table schedules with stadium.
10. Set the foreing key of the table team with schedules.
11. Enter 5 different teams.
12. Enter 13 players.
13. Enter 6 different coach.
14. Enter 3 different stadiums.
15. Enter 4 different schedules.
16. Delete the phone_number colum from team.
17. Show the name and the age from the table coach (using between).
18. Show the name and the number team descending (using order by).
19. Show the distinct ages from the table members (using distinct).
20. Show the number of teams in each city (using group by).

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1. Falso/Verdadero
2. Respuesta corta
3. Opción múltiple
4. De relación
5. Preguntas de análisis
6. Casos prácticos
7. Ejercicios para resolver

Tipo de Instrumento

1. Rubrica
2. Lista de cotejo
3. Reactivos

FAC-EA-04
REV02

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CREATE DATABASE Games;
USE Games;

```
CREATE TABLE team(
    id_team int auto_increment PRIMARY KEY,
    team_name varchar (20),
    number_team int (3),
    phone_number int (11),
    city varchar (20)
);
```

```
CREATE TABLE players(
    id_player int auto_increment PRIMARY KEY,
    player_name varchar (20),
    number_player int (20),
    age int,
    phone_number int (11)
);
```

```
CREATE TABLE coach(
    id_coach INT PRIMARY KEY AUTO_INCREMENT,
    coach_name varchar (20),
    age int,
    phone_number int (11)
);
```

```
CREATE TABLE stadium(
    id_stadium INT PRIMARY KEY AUTO_INCREMENT,
    stadium_name varchar (20),
    address varchar (30),
    capacity int
);
```

```
CREATE TABLE schedules (
    id_schedule INT PRIMARY KEY AUTO_INCREMENT,
    date_game DATE,
    team_name varchar (20)
);
```

```
ALTER TABLE team
ADD CONSTRAINT fk_team_member
FOREIGN KEY (id_team)
REFERENCES players(id_player);
```

```
ALTER TABLE coach
ADD CONSTRAINT fk_team_coach
FOREIGN KEY (id_coach)
REFERENCES team (id_team);
```

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ALTER TABLE stadium
ADD CONSTRAINT fk_stadium_schedule
FOREIGN KEY (id_stadium)
REFERENCES schedules (id_schedule);

ALTER TABLE schedules
ADD CONSTRAINT fk_team_schedules
FOREIGN KEY (id_schedule)
REFERENCES team (id_team);

INSERT INTO team (team_name, number_team, phone_number, city)
VALUES ('Rojo', 10, 65312345, 'San Luis');
INSERT INTO team (team_name, number_team, phone_number, city)
VALUES ('Azul', 20, 65365432, 'San Luis');
INSERT INTO team (team_name, number_team, phone_number, city)
VALUES ('Verde', 30, 65344253, 'San Luis');
INSERT INTO team (team_name, number_team, phone_number, city)
VALUES ('Negro', 40, 65363521, 'San Luis');
INSERT INTO team (team_name, number_team, phone_number, city)
VALUES ('Blanco', 50, 65421536, 'San Luis');

INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('A', 100, 20, 65398765);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('B', 200, 21, 65398784);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('C', 101, 20, 65398775);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('D', 300, 20, 65398798);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('E', 102, 22, 65398712);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('F', 10, 20, 653987676);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('G', 1, 20, 65398791);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('H', 99, 22, 65398768);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('I', 500, 22, 65398768);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('J', 666, 20, 65398712);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('K', 777, 20, 65398768);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('L', 222, 19, 65398795);
INSERT INTO players (player_name, number_player, age, phone_number)
VALUES ('M', 584, 20, 65398758);

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```
INSERT INTO coach (coach_name, age, phone_number)
VALUES ('A1', 40, 65397601);
INSERT INTO coach (coach_name, age, phone_number)
VALUES ('B2', 50, 65398702);
INSERT INTO coach (coach_name, age, phone_number)
VALUES ('C3', 37, 65987603);
INSERT INTO coach (coach_name, age, phone_number)
VALUES ('D4', 17, 65397604);
INSERT INTO coach (coach_name, age, phone_number)
VALUES ('E5', 63, 65398765);
INSERT INTO coach (coach_name, age, phone_number)
VALUES ('F6', 56, 65987606);
```

```
INSERT INTO stadium (stadium_name, address, capacity)
VALUES ('I', 'Street 1', 5000);
INSERT INTO stadium (stadium_name, address, capacity)
VALUES ('II', 'Street 10', 4000);
INSERT INTO stadium (stadium_name, address, capacity)
VALUES ('III', 'Street 100', 10000);
```

```
INSERT INTO schedules (date_game, team_name)
VALUES ('2022-6-02', 'Rojo' );
INSERT INTO schedules (date_game, team_name)
VALUES ('2022-6-05', 'Azul' );
INSERT INTO schedules (date_game, team_name)
VALUES ('2022-6-10', 'Verde' );
INSERT INTO schedules (date_game, team_name)
VALUES ('2022-6-16', 'Negro' );
```

```
ALTER TABLE team
DROP phone_number;
```

```
SELECT coach_name, age
FROM coach
WHERE age BETWEEN 25 AND 70;
```

```
SELECT team_name, number_team
FROM team
ORDER BY id_team DESC;
```

```
SELECT DISTINCT age
FROM players;
```

```
SELECT COUNT(id_team), city
FROM team
GROUP BY city;
```

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