Instituto Tecnológico Superior de Jerez – ITSJ

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5to Semestre Carrera: Ingeniería en sistemas computacionales (ISC).

Materia: Taller de Base De Datos.

Actividad: Tutorial 2.

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Jerez de García Salinas Zacatecas

Link 2:

```
mysql> create database tutorial2;
Query OK, 1 row affected (0.10 sec)

mysql> use tutorial2;
Database changed
mysql> create table Product
    -> (
    ->        ProductId int primary key,
    ->        ProductName varchar(20) unique,
    ->        ProductQty int,
    ->        ProductPrice float
    -> ) ;
Query OK, 0 rows affected (0.82 sec)
```

```
insert product values(3,'Mouse',45,' at line 2
mysql> insert product values(1,'Printer',10,4500);
Query OK, 1 row affected (0.11 sec)

mysql> insert product values(2,'Scanner',15,3500);
Query OK, 1 row affected (0.12 sec)

mysql> insert product values(3,'Mouse',45,500);
Query OK, 1 row affected (0.10 sec)

mysql>
```

```
mysql> select * from product;
+-----------+-------------+-------------+--------------+
| ProductId | ProductName | ProductQty  | ProductPrice |
+-----------+-------------+-------------+--------------+
|         1 | Printer     |          10 |         4500 |
|         2 | Scanner     |          15 |         3500 |
|         3 | Mouse       |          45 |          500 |
+-----------+-------------+-------------+--------------+
3 rows in set (0.00 sec)

mysql>
```

```
mysql> Delimiter $$
mysql> CREATE PROCEDURE prcInsert(
    -> in id int,
    -> in name varchar(40),
    -> in qty int,
    -> in price float)
    -> begin
    -> DECLARE cnt int default 0;
    -> DECLARE p float default 0;
    -> select cnt=COUNT(ProductId) from Product where pname= name;
    -> if cnt>0 THEN
    -> update Product set ProductQty = ProductQty + qty where ProductName=name;
    ->    select p=ProductPrice from Product where ProductName=name;
    -> if p<price THEN
    -> update Product set ProductPrice=price where ProductName=name;
    -> end IF;
    -> else
    -> insert Product values(id,name,qty,price);
    -> end if;
    -> end$$
Query OK, 0 rows affected (0.77 sec)

mysql>
```