**PARTE 2 – (d) STORED PROCEDURES**

CREATE PROCEDURE Producto\_PR @stock\_num SMALLINT,

@manu\_code CHAR,

@unit\_price DECIMAL(6,2),

@unit\_code SMALLING,

@description VARCHAR

AS BEGIN

IF EXISTS (SELECT 1

FROM products

WHERE stock\_num = @stock\_num

AND manu\_code = @manu\_code) BEGIN ––es un UPDATE

UPDATE products

SET unit\_price = @unit\_price,

unit\_code = @unit\_code

WHERE stock\_num = @stock\_num

AND manu\_code = @manu\_code

END

ELSE BEGIN --es un INSERT

IF NOT EXISTS (SELECT 1

FROM manufact

WHERE manu\_code = @MANU\_CODE) BEGIN

THROW 50000, 'Fabricante INEXISTENTE', 1

END

IF NOT EXISTS (SELECT 1

FROM units

WHERE unit\_code = @UNIT\_CODE) BEGIN

THROW 50000, 'Codigo de unidad INEXISTENTE', 1

END

IF NOT EXISTS (SELECT 1

FROM product\_types

WHERE stock\_num = @stock\_num) BEGIN

INSERT INTO product\_types (stock\_num, description)

VALUES (@stock\_num, @description)

ELSE BEGIN

UPDATE product\_types

SET description = @description

WHERE stock\_num = @stock\_num

END

INSERT INTO products (STOCK\_NUM, MANU\_CODE, UNIT\_PRICE, UNIT\_CODE)

VALUES (@stock\_num, @manu\_code, @unit\_price, @unit\_code);

END

END