Ejercicio numero 1

```sql
CREATE DEFINER=`root`@`localhost` FUNCTION `fnc_sumar`( a integer, b integer) RETURNS int
BEGIN
DECLARE result integer;
SET result= a+b;
RETURN result;
END
```

Consulta

```sql
select fnc_sumar(2,4);
```

Ejercicio numero 2

```sql
CREATE DEFINER=`root`@`localhost` FUNCTION `IFF`(p1 boolean, p2 integer, p3 integer)
RETURNS int
BEGIN
DECLARE result1 integer;
DECLARE result2 integer;
SET result1 = p2;
SET result2 = p3;
if p1 = true then
return result1;
else
return result2;
END IF;
END
```

Consulta

```sql
select IFF(true,2,4);
```

Ejercicio numero 3

```sql
CREATE DEFINER=`root`@`localhost` TRIGGER `employees_BEFORE_INSERT` BEFORE INSERT
ON `employees` FOR EACH ROW BEGIN

set NEW.last_name = concat(NEW.last_name, ' ', 'Tesla');

END
```

Ejercicio numero 4

```sql
CREATE DEFINER=`root`@`localhost` FUNCTION `f_factorial`(n1 INT) RETURNS int

BEGIN

 DECLARE result INT;

 DECLARE i INT;
```

```
SET result = 1;

SET i = 1;

WHILE i <= n1 DO

SET result = result * i;

SET i = i + 1;

END WHILE;

RETURN result;

END
```