

Stefanie Soares

1)

```
create table departamento (Dnum int, nome varchar(10), TotalSal float);  
alter table departamento add primary key (Dnum);
```

```
create table empregado (id int, nome varchar(10), salario float, dnum int);  
alter table empregado add primary key (id);  
alter table empregado add foreign key(Dnum) references departamento(Dnum);
```

2)

```
INSERT INTO departamento VALUES (1, 'Computacao',0),(2,'Matematica',0);
```

3)

```
SELECT TotalSal FROM departamento;
```

```
CREATE TRIGGER tg_inserere AFTER INSERT  
ON empregado  
FOR EACH ROW  
UPDATE departamento SET TotalSal = TotalSal + NEW.salario  
WHERE Dnum = NEW.dnum;
```

```
INSERT INTO empregado VALUES (1, 'MAISA', 1000, 1),(2, 'JOAO', 50, 2),(3,'ANA', 5000,  
1);  
SELECT TotalSal FROM departamento;
```

4)

```
delimiter |
```

```
CREATE TRIGGER tg_mudadepto AFTER UPDATE  
ON empregado  
FOR EACH ROW  
BEGIN  
    UPDATE departamento SET TotalSal = TotalSal - NEW.salario  
    WHERE OLD.dnum = Dnum;  
    UPDATE departamento SET TotalSal = TotalSal + NEW.salario  
    WHERE NEW.dnum = Dnum;  
END; |
```

```
delimiter ;
```

5)

```
create table FolhaPagto (id int auto_increment, salario float, id_emp int,  
primary key(id));  
alter table FolhaPagto add foreign key(id_emp) references empregado(id);
```

```
DROP trigger tg_insere;  
SHOW TRIGGERS;
```

```
CREATE TRIGGER tg_insere2 AFTER INSERT  
ON empregado  
FOR EACH ROW  
INSERT FolhaPagto(salario, id_emp) VALUES (NEW.salario, NEW.id);
```