**Topico 8**

**1 - INCOMPLETO**

**create or replace funciont verificaCPF() returns trigger as**

**$$**

**begin if TG\_OP = 'INSERT' then**

**if (select count(1) from cliente where cpf= new.cpf) >0 then**

**raise exception 'CPF JA CADASTRADO';**

**end if;**

**elsif TG\_OP = 'UPDATE' then**

**if (new.cpf <> old.cpf) then**

**if (select count(1) from cliente where cpf= new.cpf) >0 then**

**raise exception 'CPF JA CADASTRADO';**

**end if;**

**2 -**

**create or replace function atualizaMecanico() returns trigger as**

**$$**

**begin**

**if (new.idade < 20) then**

**raise exception 'IDADE INVÁLIDA';**

**end if;**

**return new;**

**end;**

**$$**

**language plpgsql;**

**create trigger atualizaMecanico before insert or update on mecanico for row execute procedure atualizaMecanico();**

**insert into mecanico values(202, '11111121131', 'Maria', 19 , 'Centro', 'Jlle', 'Pintura', 2)**

**select \* from mecanico**

**update mecanico**

**set idade = 12**

**where codm = 10**

**3-**

**create sequence novo\_cods start 5;**

**create or replace function novo\_cods() returns trigger as**

**$$**

**begin**

**new.cods := nextval ('novo\_cods');**

**return new;**

**end;**

**$$**

**language plpgsql;**

**create trigger novo\_cods before insert on setor**

**for each row execute procedure novo\_cods();**

**select \* from setor**

**insert into setor (nome) values ( 'letreca');**