

## Resoluções

1.

---

```

Create or replace trigger valida_data_insc
Before insert on socio
For each row
  Begin
    If :new.data_insc < sysdate then
      Raise_application_error(-20100,'Data inválida');
    End if;
  End;
/

```

2. (em nested tables *:parent* refere-se à linha corrente da tabela pai)

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```

create or replace trigger livro_divisa_actual
before insert of divisa on livro
for each row
begin
  if :new.divisa='EUR' then
    :new.preco := round(:new.preco/200.482);
  end if;
end;
/

```

3.

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```

create or replace trigger taxa_actual
before insert or update on taxa
for each row
begin
  if inserting then
    delete taxa;
  end if;
  :new.data := SYSDATE;
end;
/

Create or replace trigger aumento_taxa
after insert or update on taxa
Declare
  Cursor c1 is select num,valor from livro;
  L livro%ROWTYPE;
  Soma number(20,3);
  T number(10,3);
Begin
  Select num into T from taxa;
  Open c1;
  Loop
    Fetch c1 into L;
    Exit when c1%NOTFOUND;
    Soma:=L.valor * T + L.valor;
    Update livro set valor = soma where num = L.num;
  End loop;
End;
/

```

4.

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```

select trigger_name from user_triggers;

```