Atividade VII

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1. Procedure Alimenta Historico Forall

```
create or replace procedure Alimenta_Historico_Forall
(ultima_turma in number, ultimo_aluno in number)
is
type tlista is table of number index by binary_integer;
lista tlista;
begin
for j in 1..100 loop
lista(j) := j;
end loop;
delete historico;
for i in 1..ultima_turma loop
forall j in 1..ultimo_aluno
insert into historico (cod_turma, matricula) values (i,lista(j));
end loop;
commit;
END;
```

Procedure created.

0.42 seconds

Figura 1 – procedure criada.

2. Procedure Alimenta Historico

```
create or replace procedure AlimentaHistorico
(ultima_turma in number, ultimo_aluno in number)
is
begin
delete historico; /* comentário: elimina registros atuais */
for i in 1..ultima_turma loop
```

```
for j in 1..ultimo_aluno loop
insert into historico (cod_turma, matricula) values (i,j);
end loop;
end loop;
commit;
end;
```

Procedure created.

0.42 seconds

Figura 2 – procedure criada.

select object_name from user_objects where object_type='PROCEDURE'

OBJECT_NAME
ALIMENTA_HISTORICO_FORALL
ALIMENTAHISTORICO
2 rows returned in 0.00 seconds   Download

Figura 3 – Select .

3. Function Valor Em Dolar

```
create or replace function ValorEmDolar(reais in number, cotacao in number)
return number
is
begin
return reais/cotacao;
end;
```

Function created.

0.01 seconds

Figura 4 – procedure criada.

4. Function ValorEmDolar (segunda)

```
create or replace function ValorEmDolar
(reais in number, cotacao in number)
return number
is
begin
return reais/cotacao;
end;
```

Function created.

0.01 seconds

Figura 5 – procedure criada.

```
Select nome_curso, preco "Em R$", ValorEmDolar(preco, 3.16) "Em
US$" From cursos;
```

NOME_CURSO	Em R$	Em US$
Mecânica	200	63.2911392405063291139240506329113924051
Robótica Avançada	250	79.1139240506329113924050632911392405063
Warms	40	12.6582278481012658227848101265822278481
DoS	150	47.4683544303797468354430379746835443038
Mongoose	980	310.126582278481012658227848101265822785
Mongo	400	126.582278481012658227848101265822278481
Express	400	126.582278481012658227848101265822278481
Node	250	79.1139240506329113924050632911392405063
Angular 4	150	47.4683544303797468354430379746835443038
Angular 2	100	31.6455696202531645569620253164556962025
More than 10 rows available. Increase rows selector to view more rows.		

10 rows returned in 0.07 seconds   Download

Figura 6 – procedure criada.

Select object_name from user_objects where object_type='FUNCTION';

OBJECT_NAME
CUSTOM_HASH
CUSTOM_AUTH
VALOREMDOLAR

3 rows returned in 0.03 seconds   Download

Figura 7 – procedure criada.

5. Criar view vPessoas

```
create or replace function ValorEmDolar
(reais in number, cotacao in number)
return number
is
begin
return reais/cotacao;
end;
```

View created.

0.18 seconds

Figura 8 – procedure criada.