

Trabalho 02: Laboratório Banco de Dados I

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ARQUIVO .ddl

--QUESTÃO 01

```
select First_name || ' ' || Last_name Nome_completo, to_char(Hire_date,'Month') Mes
from ALUNO.EMPLOYEES
where substr(last_name,1,1) = 'R';
```

	NOME_COMPLETO	MES
1	Den Raphaely	Dezembro
2	Michael Rogers	Agosto
3	Trenna Rajs	Outubro
4	John Russell	Outubro

--QUESTÃO 02

```
select concat(First_name,concat(' ',Last_name)) Nome_completo,upper(department_name)
from ALUNO.EMPLOYEES E join ALUNO.DEPARTMENTS D
on E.department_id = D.department_id
where
substr(lower(department_name),instr(D.department_name,'executive'),length('executive')) =
'executive';
```

	NOME_COMPLETO	UPPER(DEPARTMENT_NAME)
1	Steven King	EXECUTIVE
2	Neena Kochhar	EXECUTIVE
3	Lex De Haan	EXECUTIVE

--QUESTÃO 03

```
select First_name || ' ' || Last_name Nome_completo, to_char( Hire_date,'dd-Month-yyyy')
from ALUNO.EMPLOYEES
where to_char(Hire_date,'yyyy')='1999';
```

	NOME_COMPLETO	TO_CHAR(HIRE_DATE,'DD-MONTH-YYYY')
1	Diana Lorentz	07-Fevereiro-1999
2	Luis Popp	07-Dezembro -1999
3	Karen Colmenares	10-Agosto -1999
4	Kevin Mourgos	16-Novembro -1999
5	James Landry	14-Janeiro -1999
6	TJ Olson	10-Abril -1999
7	Ki Gee	12-Dezembro -1999
8	Gerald Cambrault	15-Outubro -1999
9	Oliver Tuvault	23-Novembro -1999
10	Danielle Greene	19-Março -1999
11	William Smith	23-Fevereiro-1999
12	Elizabeth Bates	24-Março -1999
13	Kimberely Grant	24-Maio -1999
14	Martha Sullivan	21-Junho -1999
15	Anthony Cabrio	07-Fevereiro-1999
16	Randall Perkins	19-Dezembro -1999
17	Vance Jones	17-Março -1999
18	Donald OConnell	21-Junho -1999

--QUESTÃO 04

```
select First_name || ' ' || Last_name Nome_completo,round(salary/30,2) Diario,
round(salary*12,2) Anual
from ALUNO.EMPLOYEES
where commission_pct > 0;
```

	NOME_COMPLETO	DIARIO	ANUAL
1	John Russell	466,67	168000
2	Karen Partners	450	162000
3	Alberto Errazuriz	400	144000
4	Gerald Cambrault	366,67	132000
5	Eleni Zlotkey	350	126000
6	Peter Tucker	333,33	120000
7	David Bernstein	316,67	114000
8	Peter Hall	300	108000
9	Christopher Olsen	266,67	96000
10	Nanette Cambrault	250	90000
11	Oliver Tuvault	233,33	84000
12	Janette King	333,33	120000
13	Patrick Sully	316,67	114000
14	Allan McEwen	300	108000
15	Lindsey Smith	266,67	96000
16	Louise Doran	250	90000
17	Sarath Sewall	233,33	84000
18	Clara Vishney	350	126000
19	Danielle Greene	316,67	114000
20	Mattea Marvins	240	86400
21	David Lee	226,67	81600

--QUESTÃO 05

```
select First_name || ' ' || Last_name Nome_completo, salary Mensal,
salary*(1+nvl(commission_pct,0)) Mensal_Comissao
from ALUNO.EMPLOYEES;
```

	Nome_completo	Mensal	Mensal_Comissao
1	Steven King	24000	24000
2	Neena Kochhar	17000	17000
3	Lex De Haan	17000	17000
4	Alexander Hunold	9000	9000
5	Bruce Ernst	6000	6000
6	David Austin	4800	4800
7	Valli Pataballa	4800	4800
8	Diana Lorentz	4200	4200
9	Nancy Greenberg	12000	12000
10	Daniel Faviet	9000	9000
11	John Chen	8200	8200
12	Ismael Sciarra	7700	7700
13	Jose Manuel Urman	7800	7800
14	Luis Popp	6900	6900
15	Den Raphaely	11000	11000
16	Alexander Khoo	3100	3100
17	Shelli Baida	2900	2900
18	Sigal Tobias	2800	2800
19	Guy Himuro	2600	2600
20	Karen Colmenares	2500	2500
21	Matthew Weiss	8000	8000

--QUESTÃO 06

```
select substr(first_name,1,1) as FN_initial, substr(last_name,1,1) as LN_initial,
d.department_name
from ALUNO.EMPLOYEES E JOIN ALUNO.DEPARTMENTS D on
e.department_id=D.department_id
where E.employee_id=d.manager_id;
```

	FN_INITIAL	LN_INITIAL	DEPARTMENT_NAME
1	S	K	Executive
2	A	H	IT
3	N	G	Finance
4	D	R	Purchasing
5	A	F	Shipping
6	J	R	Sales
7	J	W	Administration
8	M	H	Marketing
9	S	M	Human Resources
10	H	B	Public Relations
11	S	H	Accounting

--QUESTÃO 07

```
select first_name || ' ' || last_name "Nome", round(months_between(SYSDATE,HIRE_DATE)/12)
Anos
from ALUNO.EMPLOYEES;
```

	Nome	ANOS
1	Steven King	35
2	Neena Kochhar	33
3	Lex De Haan	29
4	Alexander Hunold	32
5	Bruce Ernst	31
6	David Austin	25
7	Valli Pataballa	24
8	Diana Lorentz	23
9	Nancy Greenberg	28
10	Daniel Faviet	28
11	John Chen	25
12	Ismael Sciarra	25
13	Jose Manuel Urman	24
14	Luis Popp	22
15	Den Raphaely	27
16	Alexander Khoo	27
17	Shelli Baida	24
18	Sigal Tobias	25
19	Guy Himuro	23
20	Karen Colmenares	23
21	Matthew Weiss	26

--QUESTÃO 08

```
select round(AVG(salary),2) Media, Max(salary) Salary_Max, Min(salary) Salary_min,
Department_name
from ALUNO.EMPLOYEES E JOIN ALUNO.DEPARTMENTS D on e.department_id =
d.department_id
group by department_name;
```

	MEDIA	SALARY_MAX	SALARY_MIN	DEPARTMENT_NAME
1	8955,88	14000	6100	Sales
2	9500	13000	6000	Marketing
3	4150	11000	2500	Purchasing
4	4400	4400	4400	Administration
5	19333,33	24000	17000	Executive
6	5760	9000	4200	IT
7	8600	12000	6900	Finance
8	3475,56	8200	2100	Shipping
9	10000	10000	10000	Public Relations
10	6500	6500	6500	Human Resources
11	10150	12000	8300	Accounting

--QUESTÃO 09

```
select department_name, count(*) Qntd_Empregados
from ALUNO.EMPLOYEES E JOIN ALUNO.DEPARTMENTS D on e.department_id =
d.department_id
where lower(job_id) like '%clerk%'
group by department_name;
```

	DEPARTMENT_NAME	QNTD_EMPREGADOS
1	Purchasing	5
2	Shipping	40