

## Atividade 2 – Banco de Dados

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1. 

```
SELECT cod_cliente, cliente
FROM Cliente;
```
2. 

```
SELECT cod_cliente, cliente
FROM Cliente
WHERE localidade = 'Braga';
```
3. 

```
SELECT DISTINCT cod_cliente
FROM Conta
WHERE cod_agencia = '123';
```
4. 

```
SELECT DISTINCT c.cod_cliente, c.cliente
FROM Cliente c
```
5. 

```
SELECT DISTINCT c.cod_cliente, c.cliente
FROM Cliente c
WHERE c.localidade = a.localidade;
```
6. 

```
SELECT DISTINCT c.cod_cliente, c.cliente
FROM Cliente c
WHERE e.valor > 2500;
```
7. 

```
SELECT cliente
FROM Cliente
WHERE profissao = (
  SELECT profissao
  FROM Cliente
  WHERE cod_cliente = '1234'
);
```
8. 

```
SELECT num_conta, saldo
FROM Conta
WHERE cod_agencia = '123'
ORDER BY saldo DESC;
```

9. SELECT COUNT(\*) AS total\_contas  
FROM Conta;
10. SELECT COUNT(DISTINCT cod\_cliente) AS total\_clientes  
FROM Conta  
WHERE cod\_agencia = '123';
11. SELECT cod\_agencia, COUNT(\*) AS num\_contas  
FROM Conta  
GROUP BY cod\_agencia;
12. SELECT cod\_cliente, cliente  
FROM Cliente  
WHERE profissao IS NULL OR profissao = '';
13. SELECT cod\_agencia,  
MAX(saldo) AS max\_saldo,  
MIN(saldo) AS min\_saldo,  
AVG(saldo) AS media\_saldo  
FROM Conta  
GROUP BY cod\_agencia  
HAVING COUNT(\*) < 1000;
14. SELECT DISTINCT c.cod\_cliente, c.cliente  
FROM Cliente c  
WHERE cod\_agencia = '123' OR cod\_agencia = '123';
15. SELECT DISTINCT c.cod\_cliente, c.cliente  
FROM Cliente c
16. SELECT DISTINCT c.cod\_cliente, c.cliente  
FROM Cliente c  
WHERE cod\_cliente NOT IN (  
SELECT cod\_cliente  
FROM Emprestimo  
WHERE cod\_agencia = '123');
17. SELECT DISTINCT c.cod\_cliente, c.cliente  
FROM Cliente c
18. SELECT DISTINCT a.cod\_agencia, a.agencia  
FROM Agencia a

19. WHERE c.localidade = 'Lisboa';

20. SELECT c.cod\_cliente, c.cliente  
FROM Cliente c  
GROUP BY c.cod\_cliente, c.cliente  
(ct.saldo) > ALL (SELECT valor FROM Emprestimo);