--Consultas Aula

--DISTINCT

SELECT DISTINCT Salario

FROM FUNCIONARIO;

--WHERE

SELECT *

FROM FUNCIONARIO AS F

WHERE F.Pnome = 'João';

SELECT *

FROM FUNCIONARIO AS F

WHERE F.Salario <= 30000;

--AND, OR and NOT

SELECT *

FROM FUNCIONARIO AS F

WHERE F.Sexo = 'M' AND F.Salario >= 30000;

SELECT *

FROM FUNCIONARIO AS F

WHERE F.Endereco LIKE '%São Paulo%' OR F.Endereco LIKE '%Curitiba%';

SELECT *

FROM FUNCIONARIO AS F

```sql
WHERE NOT F.Endereco LIKE '%São Paulo%';


--ORDER BY
SELECT *
FROM FUNCIONARIO AS F
ORDER BY F.Salario DESC;


--NULL
SELECT *
FROM FUNCIONARIO AS F
WHERE F.Cpf_supervisor IS NULL;


SELECT *
FROM FUNCIONARIO AS F
WHERE F.Cpf_supervisor IS NOT NULL;


--SELECT TOP
SELECT TOP 3 *
FROM FUNCIONARIO AS F
ORDER BY F.Salario DESC;


--FUNÇÕES
        --MIN()
SELECT MIN(F.Salario)
FROM FUNCIONARIO AS F;
```

```sql
SELECT *

FROM FUNCIONARIO AS F

WHERE F.Salario = (SELECT MIN(F.Salario)

                                    FROM FUNCIONARIO AS F);


---DECLARE


DECLARE @Salario_Min DECIMAL(10,2);


/*SELECT @Salario_Min = (SELECT MIN(F.Salario)

                                        FROM FUNCIONARIO AS F);
*/


SET @Salario_Min = (SELECT MIN(F.Salario)

                                    FROM FUNCIONARIO AS F);


PRINT @Salario_Min;


SELECT *

FROM FUNCIONARIO AS F

WHERE F.Salario = @Salario_Min;


        --MAX()
SELECT *

FROM FUNCIONARIO AS F

WHERE F.Salario = (SELECT MAX(F.Salario)
```

```sql
                              FROM FUNCIONARIO AS F);


        --COUNT()
SELECT COUNT(F.Cpf)

FROM FUNCIONARIO AS F;


SELECT COUNT(*)

FROM DEPENDENTE;


SELECT

        (SELECT COUNT(*) FROM FUNCIONARIO AS N_Func),

        (SELECT COUNT(*) FROM DEPENDENTE AS N_Dep),

        (SELECT COUNT(*) FROM FUNCIONARIO AS N_Func) + (SELECT COUNT(*)
FROM DEPENDENTE AS N_Dep) AS TOTAL;


DECLARE @N_Func INT;


DECLARE @N_Dep INT;


SET @N_Func = (SELECT COUNT(*) FROM FUNCIONARIO);

SET @N_Dep = (SELECT COUNT(*) FROM DEPENDENTE);


SELECT @N_Func + @N_Dep AS TOTAL;


        --AVG()
SELECT AVG(F.Salario)
```

```sql
FROM FUNCIONARIO AS F;


        --SUM()
SELECT SUM(F.Salario)

FROM FUNCIONARIO AS F;



--LIKE
SELECT *

FROM FUNCIONARIO AS F

WHERE F.Datanasc LIKE '__72%';


SELECT *

FROM FUNCIONARIO AS F

WHERE YEAR(F.Datanasc) LIKE '__72%';


--IN
SELECT *

FROM FUNCIONARIO AS F

WHERE F.Salario IN (25000, 30000);


SELECT *

FROM FUNCIONARIO AS F

        JOIN TRABALHA_EM AS T

        ON F.Cpf = T.Fcpf

WHERE F.Cpf = '33344555587';
```

```sql
SELECT *
FROM FUNCIONARIO AS F
        JOIN TRABALHA_EM AS T
        ON F.Cpf = T.Fcpf
WHERE T.Pnr IN (SELECT Pnr
                                FROM TRABALHA_EM
                                WHERE Fcpf = '33344555587')
                                AND T.Horas IN (SELECT Horas
                                                        FROM TRABALHA_EM
                                                        WHERE Fcpf = '33344555587')
                                                        AND NOT T.Fcpf =
'33344555587';


DECLARE @Cpf_Fernando CHAR(11);


SET @Cpf_Fernando = (SELECT F.Cpf
                                FROM FUNCIONARIO AS F
                                WHERE F.Pnome = 'Fernando');


SELECT F.Pnome, T.*
FROM FUNCIONARIO AS F
        JOIN TRABALHA_EM AS T
        ON F.Cpf = T.Fcpf
WHERE T.Pnr IN (SELECT Pnr FROM TRABALHA_EM WHERE Fcpf = @Cpf_Fernando)
AND T.Horas IN (SELECT Horas FROM TRABALHA_EM WHERE Fcpf = @Cpf_Fernando)
```

```sql
AND NOT T.Fcpf = @Cpf_Fernando;



--ALIASES



SELECT *

FROM FUNCIONARIO AS F;
```