Blank-paded comparision semantics:-

EMP

EMPNO	EName	Sal	City	DeptNo
1	ADAMS	1000	MUM	10
2	BLAKE	2000	DEL	10
3	ALLEN	2500	MUM	20
4	KING	3000	DEL	25
5	FORD	4000	MUM	30

Select * from emp where ename >= 'A' and ename < 'B';

1   ADAMS
3   ALLEN

ADAMS → A B Y B B
                ↳ blank space

BLA   ADAMS < B _ _ _   padded till same length

When we compare 2 strings of different lengths, the shorter of the 2 strings is temporarily padded with blank spaces on RHS such that their lengths become equal; then it will start the comparision character based on ASCII value.

select * from emp where ename like 'A%';
                                    ↳ wildcard

% any character & any number of characters.

select * from emp where ename = 'A%';
                            ↳comparing look for A%.

select * from emp where ename like '%A%';
                            contains A — at start
                                     → between
                                     - at end.
case-insensitive search.