

Limiting Results

▷ Most of the time ALL the rows is not what is needed

▷ Adding DISTINCT to the SELECT clause doesn't cut it either

▷ How to limit

▷ Equality

▷ Similarity

▷ Relational

▷ Range

▷ Specificity

▷ Compound logic

Equality

Description

Equality

When looking for an exact match either numeric, Boolean, or text
a single equals sign (=) is used

Inequality is represented with !=

Dust like in mathland the left and right hand sides of the operator
are interchangeable!

Style guide says field on left, value on right

Remember that text values are specified with single quotes

1 2 3

Henrichsen CS 2550



Similarity

Description

The LIKE command is used to match values that are similar using wildcard operators

Used with the single quotes to surround the value

Wildcards can be placed anywhere within the quotes

Works with NUMBER and VARCHAR

We Replaces ANY number of unspecified symbols

Includes zero symbols

Replaces ONE unspecified symbol



4 5

Henrichsen CS 2550



Relational Demo

SELECT
section_no
FROM
section
WHERE
capacity <= 25
;

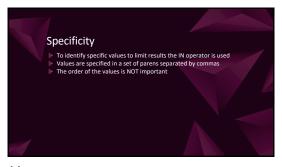
SELECT
section_id
FROM
enrollment
WHERE
student_id > 254
;



7 8 9

Henrichsen CS 2550

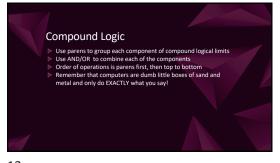






10 11 12

Henrichsen CS 2550 4



Compound Logic Demo

| SELECT | SELECT



13 14 15

Henrichsen CS 2550 5