SELECT TABLE\_NAME FROM USER\_TABLES;

SELECT \* FROM USER\_TAB\_COLUMNS WHERE TABLE\_NAME = 'BOOKS';

DESC BOOKS;

--SQL DEVELOPER VS. SQL\*PLUS - SQL\*PLUS IS COMMAND LINE EDITOR

--ON ANY LINE OF STATEMENT, CONTROL + ENTER TO RUN STATEMENT OR BIG GREEN

--ANYWHERE ON EDITOR, F5 TO RUN SCRIPTS OR SMALL GREEN

--END SQL STATEMENT WITH ";" AND PARK ON ANY LINE WITHIN STATEMENT WHEN RUN

--USE DICTIONARY, USE DESC TABLENAME TO SEE STRUCTURE OR CLICK ON OBJECTS

--SQL DEVELOPER UI MADE IT ALL EASY (OR LAZY)

--RETURN TO SQL DEVELOPER - VIEW\CONNECTIONS

SELECT CUSTOMER#

FROM CUSTOMERS; -- MIN STRUCTURE

SELECT SHIPSTATE, COUNT(ORDER#) AS ORDER\_CNT

FROM ORDERS

WHERE SHIPSTATE <> 'FL'

GROUP BY SHIPSTATE

HAVING COUNT(ORDER#) >= 2

ORDER BY 1; -- FULL STRUCTURE

SELECT 2\*8 AS MULT FROM DUAL; --DUAL

--SELECT STATEMENT SYNTAX STRUCTURE - MIN AND FULL STRUCTURE

--SELECT FROM DUAL

--CONTROL + "/" TO COMMENT AND UNCOMMENT LINES

--RIGHT CLICK ON LEFT OF SCREEN TO TOGGLE LINE NUMBERS FOR DEBUGGING

SELECT \*

FROM BOOKS

WHERE ROWNUM <= 5;

SELECT ROWID, ROWNUM FROM BOOKS;

SELECT \* FROM BOOKS WHERE CATEGORY = 'FITNESS'; --WHY CASE MATTERS?

--SELECT \* FROM TABLENAME

--IN REAL WORLD, DON'T USE SELECT \* WITHOUT DELIMITING RETURN COUNT

--UNDERSTANDING ROWNUM AND ROWID

--USE CAP LOCK TO DEFAULT TO TYPING UPPERCASE OR SET ENVIRONMENT AUTO UPPERCASE

--AUTO UPPERCASE: TOOLS\REFERENCES\CODE EDITOR\COMPLETION INSIGHT

--USE CASE TOGGLING ICON

--WHY CASES MATTER?

SELECT ISBN, PUBDATE AS PUBLISHING\_DATE, RETAIL, RETAIL\*0.8 AS LABOR\_DAY\_SALE\_PRICE

FROM BOOKS;

SELECT DISTINCT \* -- CHANGE TO AUTHORID

FROM BOOKAUTHOR;

SELECT UNIQUE \* --SHIPSTATE

FROM ORDERS;

SELECT DISTINCT CATEGORY -- WHY CATEGORY IS COLORED? GOTCHA

FROM BOOKS;

CREATE TABLE BOOKTITLE AS

SELECT ISBN, TITLE AS "BOOK TITLE"

FROM BOOKS;

SELECT "BOOK TITLE" FROM BOOKTITLE; --DO YOU WANT TO USE SPACE IN ALIAS? NOT REALLY.

DROP TABLE BOOKTITLE;

SELECT CUSTOMER# AS CUST\_ID, FIRSTNAME||' '||LASTNAME || ' SAYS "HELLO WORLD!"' AS HELLO

FROM CUSTOMERS;

SELECT CONCAT(CONCAT(CONCAT(FIRSTNAME, ' '), LASTNAME), ' says something') AS HELLO

FROM CUSTOMERS;--TOO MUCH TROUBLE?

SELECT SHIPDATE

FROM ORDERS; -- NLS CHANGE TOOLS\REFERENCES\DATABASES\NLS - DD/MM/YY - RR VS. YY

SELECT SYSDATE FROM DUAL;

SELECT -- TITLE INTELLISENSE

FROM BOOKS;

SELECT RETAIL, DISCOUNT, RETAIL - DISCOUNT AS SALE\_PRICE FROM BOOKS; --WHAT IS THE PROBLEM?

SELECT RETAIL, DISCOUNT, RETAIL - NVL(DISCOUNT,0) AS SALE\_PRICE FROM BOOKS;

--ON SELECT LIST FROM TBL

--TRY NOT TO USE SYMBOLS AND SPACE FOR FIELD ALIAS

--USE UNDERSCORE TO CONNECT WORDS IF NEEDED

--USE "AS" BEFORE ALIAS EVEN THOUGH IT IS NOT REQUIRED

--CONCANTENATION WITH || OR CONCAT

--NLS SETTING: EXAMPLE OF DATE DISPLAY OF DD-MON-YY - TOOLS\REFERENCES\DATABASE\NLS

--TO CHANGE NLS: TOOL\REFERENCES\DATABASE\NLS

--GOOD IDEA TO SPECIFY TABLE FIRST IN ORDER TO USE INTELLISENSE

--CALCULATION AND NULL VALUES