

# HIT234 – Week 1 Activities

## Part 1 – Basic SQL Queries – Using Invoices tables from Database

These queries are to practice the basics of using the SQL syntax to get data out of a DB.

Questions:

1. Find all the customers in NSW. Try again but getting customers from the NT instead.
2. Find the description and price of items valued at \$600 or more. Try with a value of \$800 or more.
3. Repeat the \$600 query from the previous question, but this time sort the output by the item's description. Try sorting by the price. Now try sorting from most expensive to least expensive.
4. List all the items that have `screen` in the description. Now list all that have `tube` in the description. Now list all the items that have either `screen` or `tube` in the description.
5. List all the data in the `student` table.
6. List all the rows from the `student` table, but this time filter down the columns so that only the `student\_no` and `name` are returned. Now filter it to just the `name` and the `total\_units` completed.
7. What is the name, total number of units completed and coordinator number of student\_no 12345? Now do the same select, but rename the `total\_units` column in the result to `completed`.