

Summary of SQL review

Revision

Commands you should know

- CREATE, ALTER, DROP
 - Table, view, sequence
- ALTER SESSION SET...
- DESCRIBE
- INSERT, UPDATE, DELETE
- SELECT...
 - See next slide

Techniques you should know

- SELECTION (RESTRICTION)
- PROJECTION
- UNION
 - Intersection, difference
- JOIN
 - Inner join, semi-join, outer join, anti-join

Techniques you should know

- Sub-queries
 - IN, ANY, ALL, EXISTS
- Advanced query processing
 - Using templates (algorithms) to solve more complex queries.

Awareness

- Security (passwords, GRANTs, REVOKEs)
- Privacy (use of Views)
- Controlling redundancy (data modelling)
- Data integrity (data modelling)
- Referential Integrity (proper use of joins)