**Video Demo Structure**

This is not a presentation, but you should be prepared and all group members should be involved. For the demo you should:

* Print this and work through it for your demo structure
* The demo should be less than 10 minutes
* The Oracle should be logged in and the database empty
* The script files should be open

Below is a suggested format to follow whilst running and recording your demo. The structure is to help you check your own work against the requirements. I suggest you rehearse and run through a practice first.

**BEGIN RECORDING:**

* Introduce your group number and team members
* Demonstrate your folder structure and files names

1. **Access and review your Table Design**

* Open you table designs/specification in Word and talk through the following
* Show you have good table names show example (plural, no spaces, no reserved words)
* Show you have appropriate attributes and datatypes show example (simple, single, static)

No reserved words eg date, desc, size, no derived values eg age, types should describe use eg telephone numbers are VARCHAR2

* Show your constraint columns have matching types (eg pk type = fk types)
* Show you have good practice constraint names, show example (eg based on table names)

Login to the database and demonstrate that your account is empty.

1. **Access and review your create file:**

Complete the following and highlight:

* We have \_\_\_\_\_ tables
* We have \_\_\_\_\_ sequences, explain why
* We have \_\_\_\_\_ mandatory foreign keys, show example
* We do/do not have defaults, show example
* We have used good practice case
* We have comments, show example
* We have checked the results eg show example
* We have useful comments, headings and a run command, show example

RUN: Then run the create file and check for errors

RUN: Check statement for confirm number of tables and sequences created

1. **Access and review your constraints file:**

Complete the following and highlight:

* We have \_\_\_\_ primary keys, \_\_\_\_ are compound
* We have \_\_\_\_ foreign keys, \_\_\_\_ are compound
* Show they adhere to entity and referential integrity

eg foreign key in child table matches and existing primary key in parent table

* We have CHECK UPPER validation constraints, show example
* We have CHECK IN validation constraints show example
* We have UNIQUE validation constraints show example
* We have NN validation constraints, show example
* We have checked the results, show example
* We have applied correct syntax
* We have good practice constraint names, show example
* We have applied good use of case eg reserved words uppercase, show example
* We have useful comments, headings and a run command, show example

RUN: Then run the file and check for errors

RUN: Check statements to confirm number of primary and foreign keys created

1. **Access and review your inserts file:**

Complete the following and highlight:

* We have \_\_\_\_ insert statements per table, show example
* We have adhered to entity and referential integrity, show example
* We have inserted data with a column list, show example
* We have inserted data without a column list, show example
* We have applied our sequences, show example
* We have applied our defaults, show example
* We have used correct data formats for numbers, characters and dates, show example
* We have applied good practice with case, show example
* We have useful comments, headings and a run command, show example

RUN: Then run the file and check for errors

RUN: Check statements to confirm data inserted

1. **Access and review your queries file:**

Complete the following and highlight:

* We have a projection, show example
* We have a restriction, show example
* We have used predicates, show example
* We have used logical and comparative operators, show examples
* We have used a join, show example
* We have a used multi join, show example
* We have completed complex queries with a range of the above, show example
* We have adhered to entity and referential integrity, show example
* We have checked our results, show example
* We have useful comments, headings and a run command, show example

*Note that DML is only 10% of the marks and should not take up the majority of the demo!*

RUN: Then run the file and check for errors

RUN: Check statements to confirm number data inserted

1. **Access and review your drops file:**

Complete the following and highlight:

* We have drops for our referential constraints, show example
* We have drops for our entity constraints, show example
* We have drops for our domain validation constraints, show example
* We have drops for our sequences, show examples
* We have drops for our tables, show example
* We have purged
* We have checked the results
* We have useful comments, headings and a run command, show example

RUN: Then run the file and check for errors

RUN: Check statements to confirm the database has been removed

1. **Highlight any extras and finish you demo**

* Additional queries; parameters, functions
* Run file
* Other

State that you have completed your demo.

1. **Done!**

* Don’t forget to upload your video with your submission
* Ensure you have granted permission for me to view it.