



Australian Government

Assessment Requirements for ICTPRG431

Apply query language in relational databases

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- develop, store and execute at least three queries, and retrieve and extract data at least three times
- perform at least three calculations using control statements, operators and functions
- prepare and manipulate at least three tables to meet specific requirements
- create and use at least two views and at least two stored procedures according to task requirements.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- information gathering methods that may be used to apply query language in relational databases
- industry standard database management systems (DBMS)
- methods of connecting to DBMS
- using data definition language (DDL), data manipulation language (DML) and data control language (DCL)
- data analysis techniques
- data mining
- data source characteristics
- information system features
- required systems and procedures that may be used to apply query language in relational databases.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- industry standard software packages
- required hardware and its components
- a data source
- resources in chosen query language
- documentation regarding client and functionality requirements
- resources to aid calculation.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>