



Australian Government

Assessment Requirements for ICTPRG302

Apply introductory programming techniques

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:

- design and build one simple application according to programming standards and program specifications.

In the course of the above, the candidate must:

- apply programming language syntax, sequence, selection and iteration constructs
- document changes and tests performed
- review code according to feedback obtained during design and development of application.

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:

- language data types, operators, expressions and variables
- basic language syntax rules
- sequence, selection and iteration constructs
- the development of small-sized applications
- industry programming standards and guidelines
- commenting techniques
- debugging techniques
- application testing methods
- basic data structures.

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:

- programming standards and guidelines
- programming software
- required hardware and its components
- industry standard software development tools
- an integrated development environment (IDE).

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>