



- 2.4.5 use literals and input commands, e.g., methods or operators, to provide data for processing
- 2.4.6 use assignment, arithmetical and concatenation and interpolation operators, where appropriate, to process data
- 2.4.7 use output commands; e.g., methods or operators, to display processed data
- 2.5 test the algorithm for failure or success with appropriate data
- 2.6 revise the algorithm, as required
- 3. analyze and compare the results of the program with the intent of the algorithm and modify as required**
  - 3.1 use appropriate test data and debugging techniques to track and correct errors including:
    - 3.1.1 run-time errors; e.g., compiler, linker, syntax
    - 3.1.2 logic errors
- 4. demonstrate basic competencies**
  - 4.1 demonstrate fundamental skills to:
    - 4.1.1 communicate
    - 4.1.2 manage information
    - 4.1.3 use numbers
    - 4.1.4 think and solve problems
  - 4.2 demonstrate personal management skills to:
    - 4.2.1 demonstrate positive attitudes and behaviours
    - 4.2.2 be responsible
    - 4.2.3 be adaptable
    - 4.2.4 learn continuously
    - 4.2.5 work safely
  - 4.3 demonstrate teamwork skills to:
    - 4.3.1 work with others
    - 4.3.2 participate in projects and tasks
- 5. make personal connections to the cluster content and processes to inform possible pathway choices**
  - 5.1 complete/update a personal inventory; e.g., interests, values, beliefs, resources, prior learning and experiences
  - 5.2 create a connection between a personal inventory and occupational choices