# Software Developer Technician First Learning

To be completed at sign up

* Answer the following 3 multiple choice questions.
* The training coordinator will check your answers.
* Before the next visit do the exercise shown below.
* Make sure you save your work for uploading when your e-portfolio is active.

## Questions

1: Which of the following statements is CORRECT?

1. Compiled code must be translated before a machine can use it
2. Interpreted code can be executed directly by the computer’s CPU
3. Compilers translate code at run-time into machine instructions
4. Interpreted code must be translated into machine instructions

2: Which of the following is a purpose of penetration testing?

1. To identify whether a system has been properly configured
2. To test if a system meets non-functional requirements when used to full capacity
3. To test if the infrastructure is robust enough to meet system demands
4. To test whether a system is capable of being easily hacked

3: Which of the following roles compiles, assembles and delivers source code into finished products?

1. Software tester
2. Software developer
3. Software designer
4. Software release engineer

## Exercise

Research the different software development life cycles (SDLC), including, Quality Assurance, User Acceptance Testing and release (K1)

* . Find out which software development methodology is in use at your workplace. Compare your workplace implementation of the methodology with the theory.