

PDA Software Development: **Implementation & Testing unit**

Level 8

Student guide & checklist.

Full name	
SCN Candidate no	
Cohort no	

The evidence required for this can be taken from your assignments or by creating a new different assignment from what you have done in class.

ref	TASKS/ EVIDENCE REQUIRED	Done
I.T 1	Demonstrate one example of encapsulation that you have written in a program.	
I.T 2	Demonstrate the use of Inheritance in a program you have written by taking a screenshot of a Class, an object and a method, that inherits from another class. Eg, Water bottle	
I.T 3	Demonstrate searching and sorting data in a program you have written. Take screenshots of; *Function that searches data and the result *Function that sorts data and the result	
I.T 4	Take a screenshot of a program where you have created and used; *An Array *Function that uses it *Result	
I.T 5	*A Hash *Function that uses it *Result	
I.T 6	Demonstrate the use of Polymorphism in a program you have written OR carry out Polymorphism task(T.1).	

Guidance will be given on these tasks - do not complete until guidance given		
ref	Tasks	Done
T.1	Polymorphism task document.	
T.2	Static and Dynamic testing task A	
T.3	Unit, integration and acceptance testing task B	

Authentication statement:

I verify that all the work presented for assessment is my own.

Student details,

Signed: _____

Date: _____

Github acc: _____

Assessor details,

Signed: _____

Date: _____