



Python: Next Steps

Name:

Class:

Depth of Understanding Analysis (AfL)

Chapter 1:

	Deep	Good	Shallow	Help!
I know that strings, integers, tuples, lists and dictionaries are examples of data-types	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know the difference between tuples, lists and dictionaries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know when to select tuples, lists and dictionaries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chapter 2:

	Deep	Good	Shallow	Help!
I know how to use write and access items in a dictionary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to add some widgets to a tkinter window	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know what a GUI is	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chapter 3:

	Deep	Good	Shallow	Help!
I know how to write a for loops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to use a for loop to 'iterate' through a list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how add a button widget to a tkinter frame	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to build complex GUIs using the tkinter module	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chapter 4:

	Deep	Good	Shallow	Help!
I know how to add default values to arguments in functions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know some new testing and debugging techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to catch and handle input errors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have delved deeper into binary numbers and how computers do maths	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to slice strings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chapter 5:

	Deep	Good	Shallow	Help!
I know how to customise the GUI for a calculator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to add constant buttons to a calculator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to import modules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have a better understanding about how to organise code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bonus Chapter:

	Deep	Good	Shallow	Help!
I know how to organise buttons in the frame widget	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to make a function that allows the user to add images to the canvas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to attach function calls to mouse events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Individualised Learning Plan & Progress Chart

	Tasks	Consolidation:		
Chapter 1				
Study Code Box 1.2	<input type="checkbox"/>	Puzzle	Challenge	Idea
Compare the code experiment (page 13)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chapter 2				
Build a glossary app	<input type="checkbox"/>	Idea 1	Idea 2	Challenge
The sticky experiment (page 27)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comparing code experiment (pages 27 and 28)	<input type="checkbox"/>	Idea 3		
		<input type="checkbox"/>		
Chapter 3				
Investigation 1	<input type="checkbox"/>	Idea	Puzzle 1	Puzzle 2
Investigation 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Column counter experiment (page 43)	<input type="checkbox"/>			
Build a simple calculator GUI	<input type="checkbox"/>			
Chapter 4				
Interactive session with Code Box 4.1	<input type="checkbox"/>	Idea 1	Idea 2	Idea 3
Test and debug session (page 54)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Build a working Calculator	<input type="checkbox"/>	Idea 4		
		<input type="checkbox"/>		
Chapter 5				
Add 8 more buttons to the calculator	<input type="checkbox"/>	Ch 1	Ch 2	Ch 3
Attach the functions from <code>calc_functions</code> module to buttons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Idea 1	Idea 2	Idea 3
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Idea 4	Idea 5	Idea 6
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Idea 7	Idea 8	
		<input type="checkbox"/>	<input type="checkbox"/>	
Bonus Chapter				
Testing and debugging session (page 78)	<input type="checkbox"/>	Idea 1	Idea 2	Idea 3
Write a 'factorial' function	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Write a 'roman numeral' function	<input type="checkbox"/>	F. Idea 1	F. Idea 2	F. Idea 3
Write a 'convert to binary' function	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Write a 'convert to base 10' function	<input type="checkbox"/>	Harder Idea		Puzzle
		<input type="checkbox"/>		<input type="checkbox"/>

Summative Test score:

Comment: