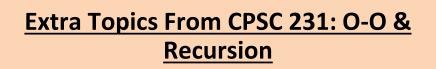
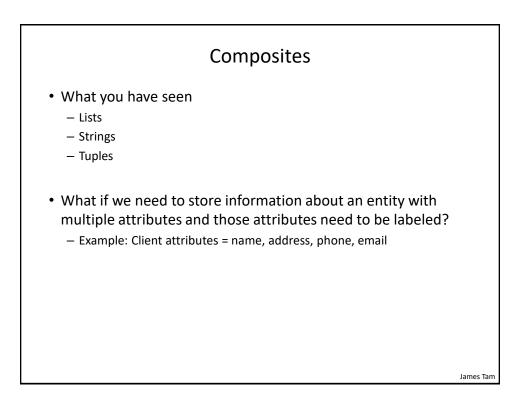
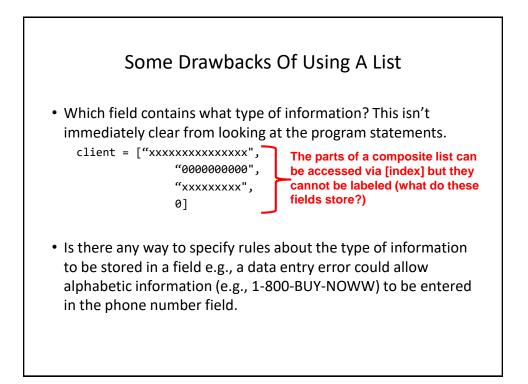
James Tan

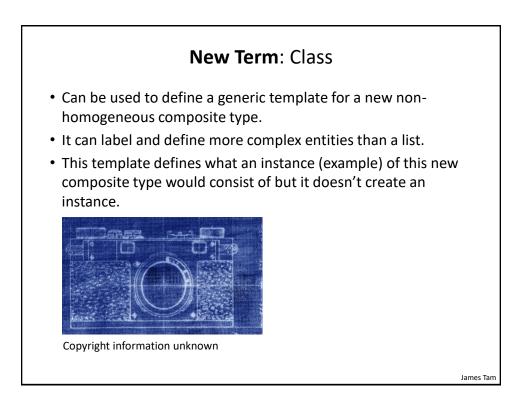


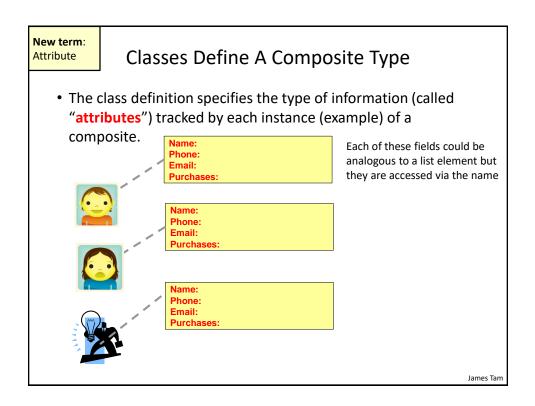
- Section I: Defining new types of variables that can have custom attributes and capabilities
- Section II: You will learn the definition of recursion as well as seeing how simple recursive programs work

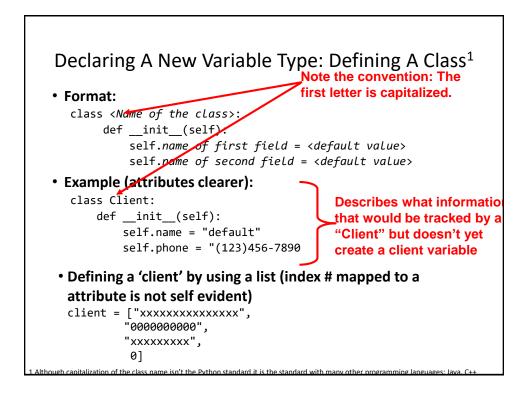
Section I: Introduction To Object-Oriented Programming

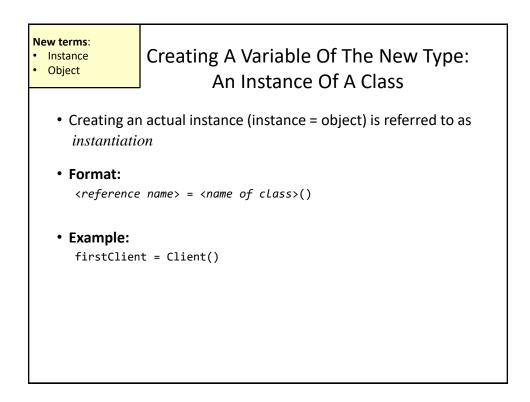


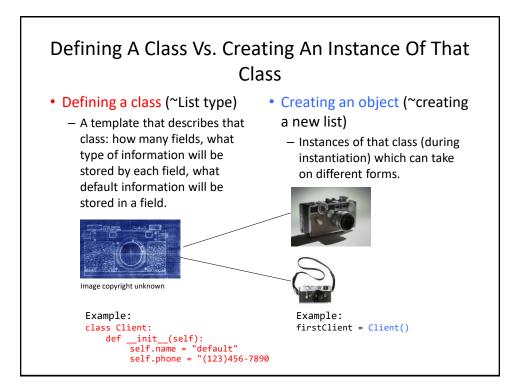


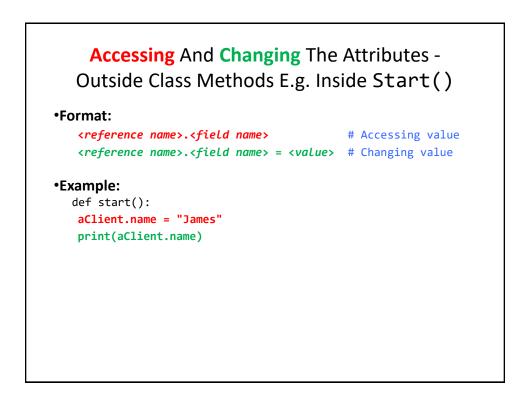


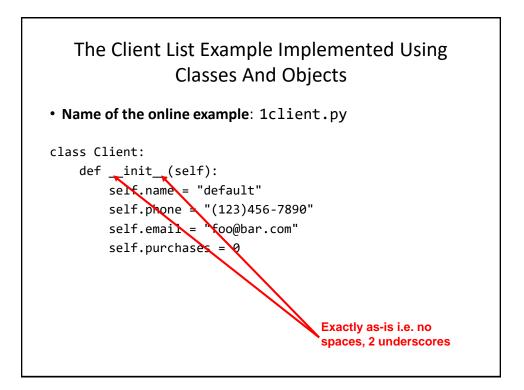




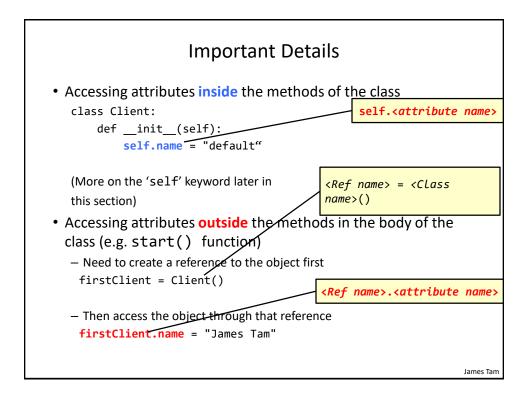


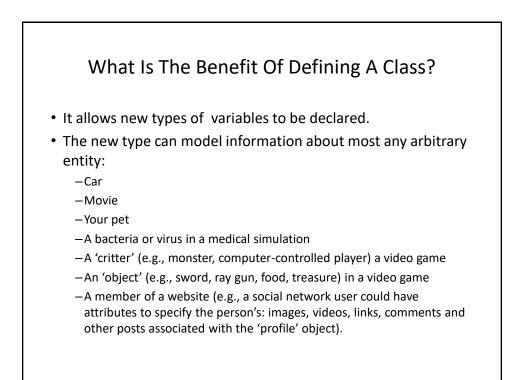


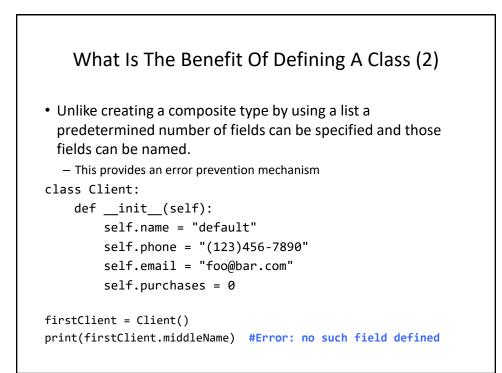


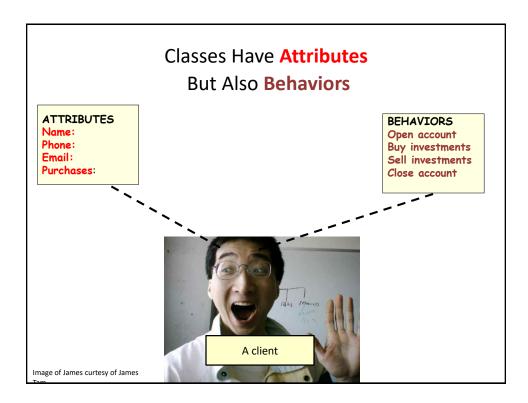


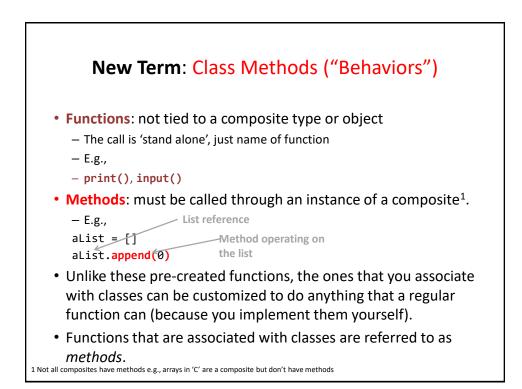


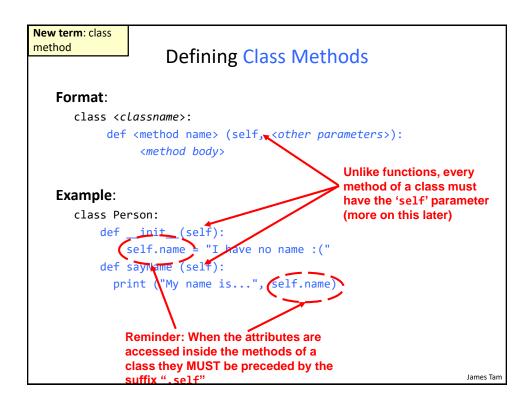


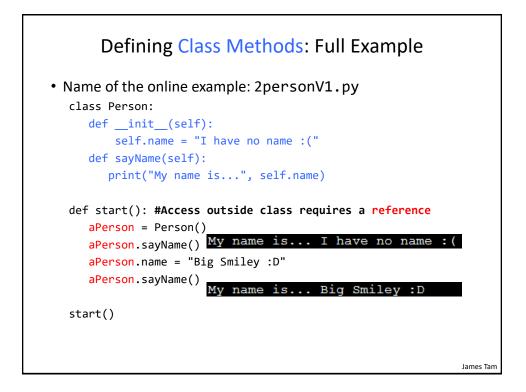


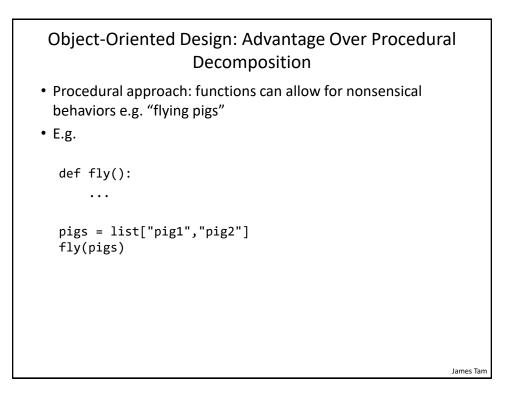


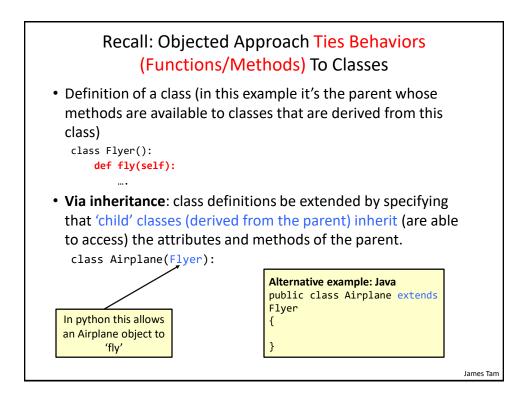


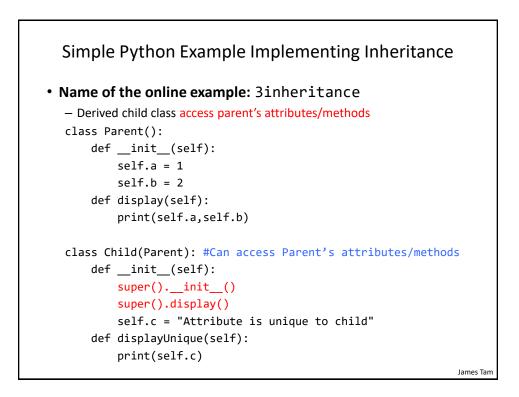


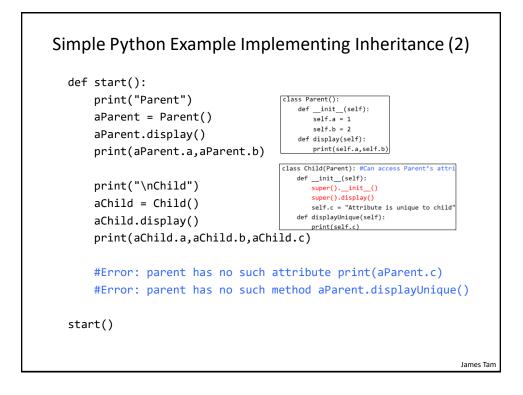


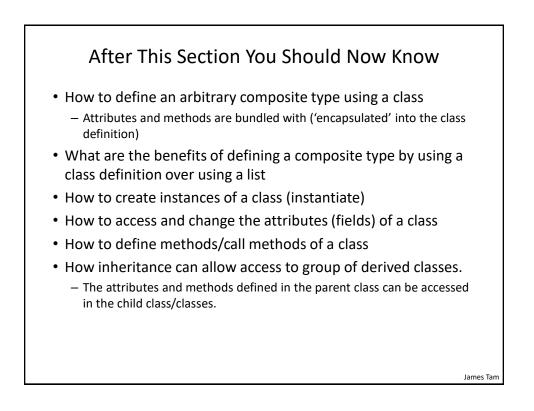










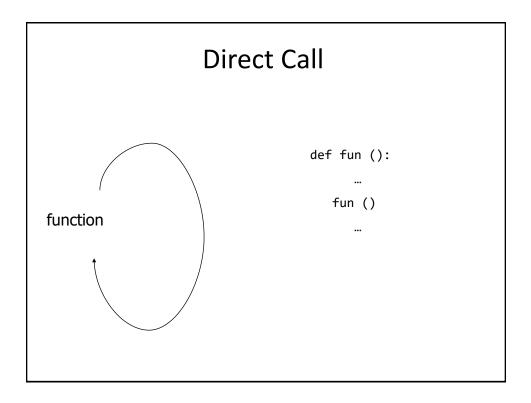


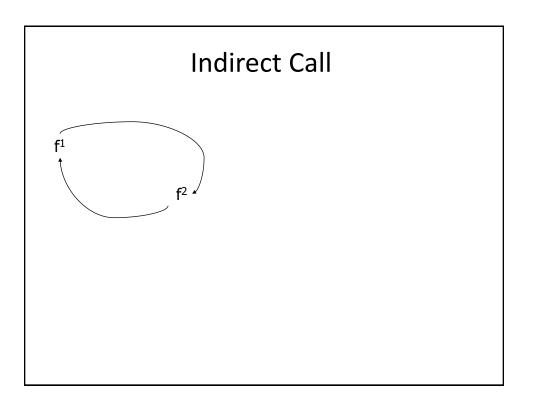
## Section II: Introduction To Recursion

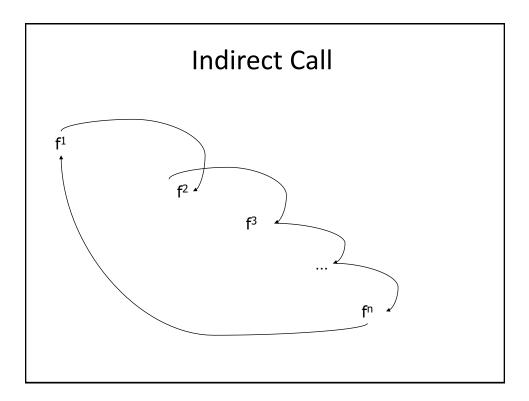
## **Basic Definition Of Recursion**

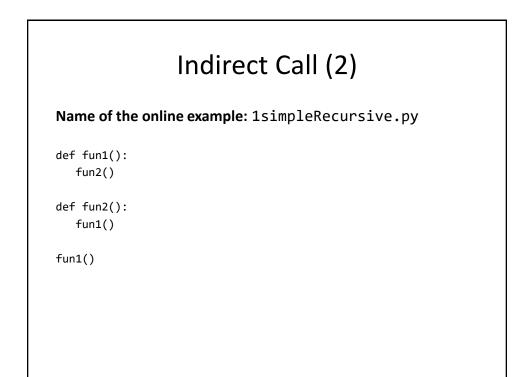
• "A programming technique whereby a function calls itself either directly or indirectly."

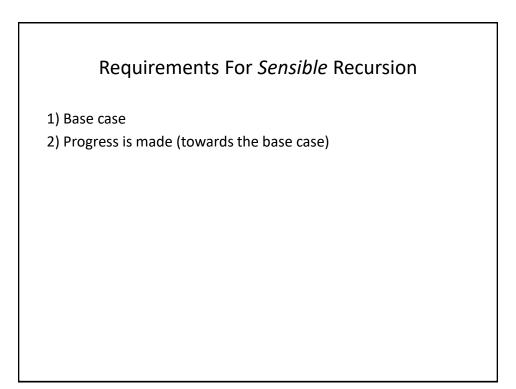
James Tam

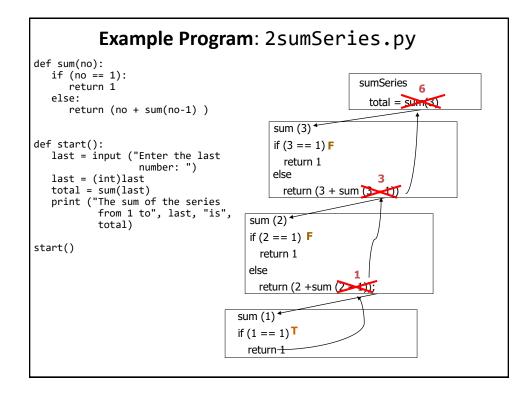


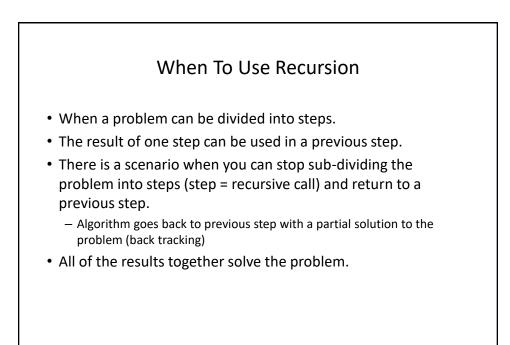


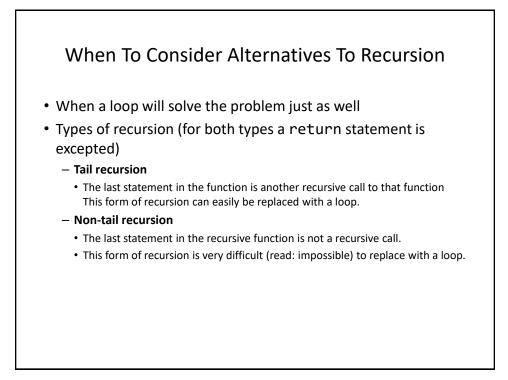


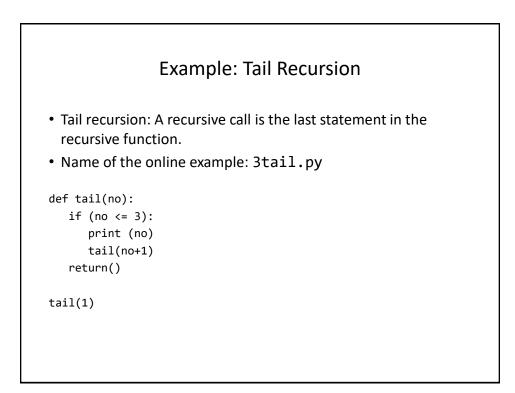


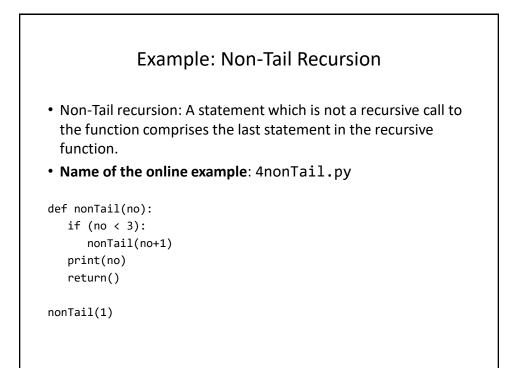


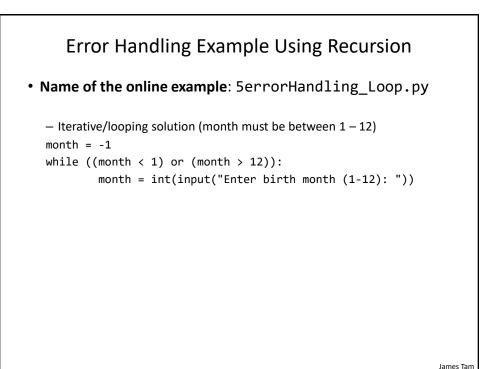












Error Handling Example Using Recursion (2)
- Name of the online example:
 6errorHandling\_Recursive.py
- Recursive solution (day must be between 1 - 31)

def promptDay():
 day = int(input("Enter day of birth (1-31): "))
 if ((day < 1) or (day > 31)):
 day = promptDay()
 return(day)

day = promptDay()
print(day)

James Tam

