Lab #27

Programming and Algorithms

Create a folder called parent\_directory, and put into it:

* A blank \_ \_init\_ \_.py file
* A sub-folder called package1, and in that put:
  + A blank \_ \_init\_ \_.py file
  + A python program called module1.py with a class module1
  + A python program called module2.py with a class module2
  + A sub-folder called package2, and in that put:
    - A blank \_ \_init\_ \_.py file
    - A python program called module3.py with a class module3

module1.py prints out a message saying “I am MODULE 1 in PACKAGE 1.”

module2.py prints out a message saying “I am MODULE 2 in PACKAGE 1.”

module3.py prints out a message saying “I am MODULE 3 in PACKAGE 2.”

Create screengrabs for the following:

1. Add code to module1.py so that it calls module2.py
2. Add code to module1.py so that it calls module3.py
3. ~~Add code to module3.py so that it calls module1.py and module2.py~~

(Python 3 doesn’t allow calls from inside sub-folders)

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| e-mail me a completed solution to each of the above programs in a Word document, and include Labs #25-26 in this document also.  e-mail to [Damian.Gordon@dit.ie](mailto:Damian.Gordon@dit.ie) with subject heading “DT255 PaA Lab #25-27” |