The Institution of Engineers, Malaysia

ONLINE DIGITAL CLASS

INTRODUCTORY COURSE ON PYTHON

By Information and Communication Technology Special Interest Group

BEM Approved CPD/PDP Hours: 2	Ref. No.: IEM20/HQ/036/T(w)

OVERVIEW

This is an Introductory Course on Python programming language. Emphasis here is on the characteristics and functions of the language. Integrated development environment (IDE) software used to write scripts is not our focus. Initial sessions will be conducted on to avoid wasting time setting up a development environment. Subsequent sessions will be conducted on "Anaconda" software providing necessary tools https://anaconda.com/products/individual. Python3 version is chosen but other versions are accepted.

CLASS CONTENT

This is a continuation of Introduction to Python series. In the last series, the class was introduced to if statements, for loop, range, string manipulation, list and dictionaries.

In this series, we will take a look at while loop, file handling, functions and a quick review of the lesson that we have learnt from the last class. To have a better understanding of the lessons, we will walk through a case study and see how we could put our knowledge into practical use.

SPEAKER PROFILE

Ir. Chai Chen Sing had 24 years of experience in the engineering industry. His experience range from consulting services and contracting in construction industry, SCADA implementation for processing plant, web application development and machine to machine communication. He is currently the principal consultant for Versoset Engineers Sdn Bhd and also the technical director for Mercatura, a m2m solution provider. He heads the technical development for integrated custom made embedded system as well as web application development utilising cloud solution. Ir. Chai Chen Sing graduated from University of New South Wales, Australia in 1992. He served as committee members of ICT Special Interest Group since 2014 and he is the chairman for the session 2018/2019.

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