IEM

The Institution of Engineers, Malaysia

ONLINE DIGITAL CLASS

INTRODUCTORY COURSE ON PYTHON

Information and Communication Technology Special Interest Group

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

We will explore Branching and Looping in this session.

Branching is valuable when tasks depend on some user input or some value that is not know when the program is written. Python has the ability to compare values and make decisions on which task to do depending on that comparison.

Looping is best suited when actions are repetitive. These tasks are repeated for the data located in some sort of list or sequence. Python has built-support for lists and strings. We will explore how to manipulate both types of objects and discover what can be done with them.

SPEAKER PROFILE

Ir. Gary, Chien Fan Chee

Ir Gary Chien holds a BEng(Hons) and MBA from University of Melbourne. He has 30 years of engineering experience in infrastructure and built environment projects. Ir Gary Chien works at OPUS International (M) Berhad which is a member of UEM Group. He advocates a Common Data Environment (CDE) to facilitate collaboration across project teams and promotes development of digital workflows. Ir Gary Chien serves on the Information and Communications Technology Special Interest Group (ICT SIG) at IEM and serves as First Interviewer for Professional Interview examinations.

Free Admission for Members | Register Online Now | www.iem.org.my