Tips to succeed in this Course

This course is part of the specialization ***Introduction to Programming with Python and Java***. The specialization consists of 4 courses :

1. Introduction to Python Programming
2. Data Analysis using Python
3. Introduction to Java and Object-Oriented Programming
4. Inheritance and Data Structures in Java

Each of these courses will have 3-4 Modules of content. Typically, each module is expected to take a week to complete, assuming a time commitment of around 5-6 hrs/week. We highly recommend that these courses be taken in the order they are presented in the specialization, as each course builds on knowledge learned in the previous courses.

Best practices to succeed in this course :

- **Watch all videos:**
  In this course you will notice a few different types of videos. We highly recommend that you watch all of them carefully, allowing yourself enough time to pause and think as you learn.

- **Use Module Resources :**
  You will find Module Resources at the beginning of each module. These usually contain slides for all lecture videos, and code for all Code Alongs and Coding Demonstrations. We suggest that you download these resources and use them to follow along with the course content.

- **Code Along :**
  You will notice a bunch of videos that are labelled as “Code Along” videos or “Coding Demonstration” videos. For both these types of videos, we recommend that you open the relevant code files on your local system. For Code Alongs, you may open the relevant code file in your editor or IDE and actually code side-by-side as you watch the instructor code. For Coding Demonstrations, you don’t have to code yourself, but it is still always helpful to have the code file open alongside for added clarity. If you are wondering where to find these code files, they are stored in each week’s respective Module Resources.

- **Take Notes :**
  This course aims to teach you a whole new skill - Programming in Python. This is often a lot for the brain to retain at one go, and so it is always helpful to take notes as you watch lectures, for your own reference later. Some learners even like to take notes on

slide handouts, so they can see both side-by-side.

- **Quizzes :**
  In this course, quizzes allow multiple attempts. This means that you can attempt multiple times until you've answered all the questions correctly. We suggest that you use this as a way to cement your knowledge and make sure that you deeply understand all the concepts you've learned before proceeding to further topics.

- **Coding Assignments :**
  We highly recommend doing the graded coding assignments. Apart from being a key component of the course grade, they will give you hands-on experience with the subject and allow you to put your knowledge into action. It will also bring to light many subtle nuances of coding that cannot be learned purely by watching somebody else code.

- **Use the Discussion Forums :**
  We are here to help you. Your entire cohort is here to help too! Use the discussion forums to communicate your questions to other learners and teaching staff. You can also use the discussion forum to flex your Python muscles by answering questions from your peers. This makes for a great way to learn from the community!