



The ACE Team

ACE Computing Workshops 2023

Here's the latest list of ACE Team computing workshops to help you with your studies .

How to join a workshop

➤ The easiest way to join a workshop is by going to our [booking page](#). Here you can see when each session is taking place. To book, please select the date of the workshop on the calendar. Then book the session to receive an email, add to your calendar and get a reminder 12 hours before. It is not mandatory to register.

➤ you can simply click on the link below at the time of the Session

<https://qa-learning.webex.com/meet/HRaj>

If you are calling in, dial +44 203-478-5289 then enter the access code 701 424 864 by the session you are joining.

➤ Scan the [QR code](#) for the booking page





July

Date	Day	Time	Topic
11-Jul	Tuesday	13:30	Programming Concepts: Flow Charts & Pseudocodes Programming is developed through good pre-code planning and organization. This is assisted using pseudocode and flowcharts. This intermediate level workshop would help you to understand the basics of pseudocode and flowcharts. *Please have your paper and pen ready.
18-Jul	Tuesday	13:30	Simplify your prototypes with wireframes In this intermediate level workshop use wireframes to communicate and get feedback for your ideas and designs from your stakeholders. https://sneakpeekit.com/ https://www.figma.com/



August

Date	Day	Time	Topic
01-Aug	Tuesday	12:30	Build your own website 1: HTML Structure, Links, Lists, Images HTML is the foundation of all web pages. In this intermediate level workshop, we will look into the structure of HTML pages, learn how to organize text, add links and images/videos to a webpage. *Have your laptop ready to work along with me.
11-Aug	Friday	12:30	Build your own website 2: HTML Tables and Forms In this intermediate level workshop, will focus on creating standard tables, tables for emails and images. We would then look in to creating forms using html. *Please note that this the continuation of part1 workshop. *Have your laptop ready to work along with me
15-Aug	Tuesday	13:30	Introduction to CSS Cascading Style Sheet is responsible for the styling and looks of a website. In this intermediate level workshop, we would cover the basics of CSS to make our HTML page more presentable and catchier. *Basic understanding of HTML is necessary.



18-Aug	Friday	12:30	Introduction to JavaScript In this intermediate level workshop, you would learn to write your first scripts, create variables, methods, events and event handlers, conditional statements and functions. *Basic understanding of HTML and CSS is necessary.
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September

Date	Day	Time	Topic
08-Sep	Friday	13:30	Python 1 - Variables, Strings, User Inputs, Operators & Conditional statements In this intermediate level workshop, learn the basics of programming using the Python Programming Language. We will look into Variables, Strings, User Inputs, Operators & Conditional statements *Repl - an online IDE will be used in this session. Be repl ready: https://replit.com/
13-Sep	Wednesday	13:30	Python 2 - Lists, Tuples & Dictionaries and Sets In this intermediate level workshop, we would look into lists, tuples, dictionaries and sets *Repl - an online IDE will be used in this session. Be repl ready: https://replit.com/



20-Sep	Wednesday	13:30	Python 3 – Functions – Inbuilt and user defined In this intermediate level workshop, we would look into functions – inbuilt and user defined. *Repl - an online IDE will be used in this session. Be repl ready: https://replit.com/
27-Sep	Wednesday	13:30	Python 4 – File Handling In this intermediate level workshop, we would practice file handling using Python. Detect, read, write and copy a file 🤖
29-Sep	Friday	13:30	Python 5 - Classes and Objects In this intermediate – advanced level workshop, we will work on the concept of object-oriented programming, create reusable code with custom data types and unleash the potential of modular programming.