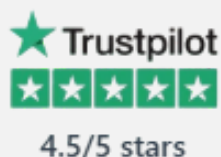




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BUILT FOR BRILLIANCE

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At Connect2Learn, we believe brilliance isn't born – it's built. Our global learning platform is designed to empower every student with personalized, one-on-one education that nurtures skills, confidence, and curiosity. From core academics to creative and future-ready subjects, we connect passionate educators with young minds across the UK, Australia, and the US. With 5,000+ learners and a mission to reach 10,000 more, Connect2Learn is shaping a generation that's not just prepared for the future – but ready to lead it.



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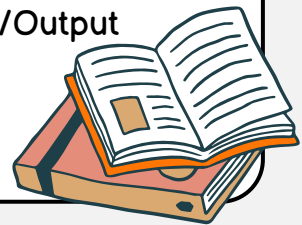
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CODING PYSTEPS PYTHON

MODULE 1- PYTHON BASICS: FIRST STEPS IN CODING

GETTING STARTED WITH PYTHON

- Introduction to Python and setting up of platform (Input/Output function)
- Variables and Datatypes



WORKING WITH STRINGS

- Introduction to strings, string manipulation
- String Functions and string formatting



CODING PYSTEPS PYTHON

MODULE 2 - PYTHON IN ACTION – GRAPHICS & LOGIC

TURTLE PROGRAMMING (GRAPHICS WITH PYTHON)

- Turtle Introduction(basic shapes)
- understanding coordinates (Turtle programming)
- House drawing using Turtle
- Snowman drawing using Turtle



CONTROL FLOW & DECISION MAKING

- control statment(if,else, elif)
- Nested if condition application



CODING PYSTEPS PYTHON

MODULE 3 - BUILDING BLOCKS OF PYTHON

PYTHON OPERATORS & DATA STRUCTURES

- Multiple choice question quiz game using if else
- Python operators
- Introduction to Lists, Accesing Lists using loops and Operations on Lists.
- Mutable properties if lists,Size of List,Sort List,Join List,Nested Lists and List comprehensions.
- Tuple
- Mini project(using list and tuple concepts)Student Grade Checker
- Dictionary Introduction, Dictionary with different data type, Showing duplicate keys not allowed, Dictionary functions, Changing Values of Keys.
- Dictionary Functions like adding, removing and changing. Loop, Copy and Nested Dictionaries.
- Python set



CODING PYSTEPS PYTHON

MODULE -4 PYTHON LOOPS AND FUNCTIONS

LOOPING CONCEPTS

- Introduction to For loop syntax, and examples.
- Introduction to Nested For loop, syntax, and examples.
- Flower pattern using Turtle(for loop concept)
- Introduction to While loop syntax, and examples.
- Drawing Rainbow using Turtle(apply while loop concept)
- Mini Project (Number guessing game)



FUNCTIONS & RECURSION

- Functions in python
- calculator program using function concept
- simple Traffic signal using turtle(apply function concept)
- Play with modules in python
- .Recursive Functions
- . Understanding Patterns (make patterns like Right-Angled Triangle, Inverted triangle, etc)
- Make number patterns
- Mini Project (rock paper scissor project using random function)



CODING PYSTEPS PYTHON

MODULE -5 ADVANCED PYTHON & GUI APPLICATIONS

ADVANCED PYTHON CONCEPTS

- Python exception handling
- Components in OOPS
- Inheritance in Programming
- Abstraction in Programming
- Introduction to GUI Programming(Tkinter)



GUI PROGRAMMING WITH TKINTER

- Hello Tkinter(My first window)
- Basic Widgets (Labels & Colors)
- Buttons & Actions
- Entry (Text Box)
- Mini Calculator
- Fun with Canvas
- Click Counter Game
- Message Boxes
- Mix & Match-Make a small app (name card, math quiz, joke teller).
- Final Mini Projects (Mini Drawing Pad.)
- Traffic Light Mini Project (Tkinter)
- Color Picker App



VOICES OF TRUST

- CONNECT2LEARN REVIEWS



syed mir aijaz Ali
@trustpilot

★★★★★

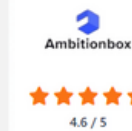
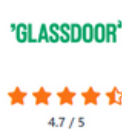
My twins have been taking classes from connect2learn from one year and the experience so far is amazing.



Shalom SharonLily.
@trustpilot

★★★★★

We had great experience with connect2learn. My child's Maths teacher Shambhavi was very friendly and supportive for my child's progress.



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