

**AGES 12-16**

# INTRO TO CODING

**2 WEEK PROGRAM | 1 ON 1 CLASSES**

Understanding and writing code is the future! Our educators are experts in the field of full-stack development, app development and website building. Students will also be exposed to various programming languages (including Python) and the merits and demerits of each one.

## LEARNING OBJECTIVES

- ★ Introduction to the various coding languages
- ★ Learn objects, loops and arrays
- ★ Deep dive into Python
- ★ Understand the basics of Python - Syntax
- ★ Various assignments to practice coding
- ★ Final project - make your first game
- ★ Understanding various libraries in Python

## LEARNING TIMELINE

### HOUR 0-5

Understand the basics of Python and start learning functions

### HOUR 5-15

Write your first piece of code and start learning new applications

### HOUR 15-20

Make your first game in Python and understand the library available to you

## LEARNING OUTCOMES



**CERTIFICATE OF  
COMPLETION**



**WRITE YOUR FIRST PIECE  
OF CODING**



**DEVELOP YOUR  
FIRST GAME**



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