# PYTHON PROGRAMMING

This course is a collaborative endeavor between Hindu College, University of Delhi, and the Indian Institute of Technology Delhi, facilitated by the Prime Minister's Research Fellowship (PMRF).

**1**

## Variables and Flow Control

Store and manipulate data in Python. Control your program's flow with conditions and repetitions.

**2**

## Functions

Break your code into reusable blocks.

**3**

## Lists, Tuples, Sets, Dictionaries

Organize and manage data using lists, tuples, sets, and dictionaries.

**4**

## File I/O and File Management

Interact with files and manage data storage.

**5**

## Debugging and Error Handling

Identify and fix issues in your code. Handle run-time errors gracefully.

**6**

## Object Oriented Programming

Write modular and reusable code using objects.

**7**

## Modules and Libraries

Break your project into modules and leverage pre-built tools.

## Details

Start: 21 Sept. 2024
Duration: 24 hours

## Coordinators

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