## Class\_Act27



**Abstract Class: Device Control** 

## ★ Objective:

Understand how to use **abstract classes** in Python by creating a base class that requires all child classes to implement their own turn\_on() method.

## Instructions:

- 1. Import ABC and abstractmethod from the abc module.
- 2. Create an abstract class called Device:
  - Add an abstract method turn\_on().
- 3. Create two subclasses:
  - Television implements (turn\_on()) and prints: ("TV is now ON.")
  - Computer implements turn\_on() and prints: "Computer is booting up."
- 4. Create objects of both subclasses and call their turn\_on() method.