***Assignments***

**Assignment 1:** Smart Home Devices Management

* Base abstract class: SmartDevice
  + Class variables: \_name (string), \_status
  + Abstract methods: turn\_on(), turn\_off()
  + Non-abstract method : device\_info()
* Subclass SmartLight: Inherit from the SmartDevice class.
  + Implement turn\_on() and turn\_off() method to set \_status to 'on' and return "Smart light is now on.".
  + Add a method set\_brightness(level) that accepts a brightness level (integer from 0 to 100) and returns a string, e.g., "Brightness set to 70%.".
  + Use the super() function to initialize the inherited protected instance variables in the constructor.