ASSIGNMENT – 7

Firstly made an abstract class called InsurancePolicy, which defines a common structure for all types of insurance policies that I am about to use.

This makes sure that every class will implement the following functions: calculate\_premium(), process\_claim(), policy\_details()

Then made 3 more classes to implement 3 more insurance policies:

Life , Auto, Health Insurance with rules of their own or criteria of their own to evaluate the basis for processing an Insurance to the policy holder.

So in this way by using Abstract class in the Insurance domain can be used as a basic structure for other Insurance Policies which also implements the methods of the InsurancePolicy protocol.

**Usage:**

Ensures all the policies are following a set of rules. These rules make them into valid subclass for that base class.

Provides a blueprint for any future policies that can be made.

The code iis reusable.