Python Notes

Encapsulation

* Encapsulation is a concept in OOPS that means hiding the internal details of an object and only exposing the necessary parts.

How does Encapsulation work?

* When a child class inherits from a parent class, it can:
  + Access public attributes & methods of the parent.
  + Modify or extend functionalities.
  + Use private attributes indirectly.
* Encapsulation ensures that important data is not directly modified but is controlled through methods.

Access Modifiers in Python

* Public – Can be accessed and modified anywhere.
* Private – Cannot be accessed directly outside the class.
* Protected – Should not be accessed outside the class.