ENCAPSULATION:- in python involves bunding data {attributes} and methods that operate on that operate on that data within a single unit typically a class.

It aims to restrict direct access to some of an objects components, preventing unitended and modificationand promoting data integrity.

ACESSES SPECIFIERS:- acesss specifier define how class members (variables and methods can be accessed from outside the class .they help in implementing encapsulation by controlling the visibility

Of data there are three types of accesses specifiers

Types of Acess modifiers:-

1. Public
2. Protected
3. Private

PUBLIC ACESS:- public members are variables or methods that can be accessed from anywhere

Inside the class ,outside the class or from another modules .by default all members in python are public

EXAMPLE PROGRAM:-

Class Employee:

class Employee:

def \_\_init\_\_(self,name):

self.name=name #public attribute

def display\_name(self):

print(self.name)

emp=Employee("vardhan")

emp.display\_name()

print(emp.name)