MODULE – 4(Advance PHP)

OOPS

1)What Is Object Oriented Programming?

ANS: OOP stands for Object-Oriented Programming. Procedural programming is about writing procedures or functions that perform operations on the data, while object-oriented programming is about **creating objects that contain both data and functions**.

2) What Are Properties Of Object Oriented Systems?

ANS:

* Encapsulation.
* Abstraction.
* Relationships.
* Inheritance.
* Polymorphism
* Object

3) What Is Difference Between Class And Interface?

ANS: The difference between interfaces and abstract classes are: **Interfaces cannot have properties, while abstract classes can**. All interface methods must be public, while abstract class methods is public or protected.

4) What Is Overloading?

ANS: Overloading in PHP **provides means to dynamically create properties and methods**. These dynamic entities are processed via magic methods one can establish in a class for various action types.

5) What Is T\_PAAMAYIM\_NEKUDOTAYIM (Scope Resolution Operator (::) with Example

ANS: What is a scope resolution operator give an example?

The scope resolution operator ( :: ) is used for several reasons. For example: **If the global variable name is same as local variable name, the scope resolution operator will be used to call the global variable**. It is also used to define a function outside the class and used to access the static variables of class.

6) What are the differences between abstract classes and interfaces?

ANS:

The Abstract class and Interface both are used to have abstraction. **An abstract class contains an abstract keyword on the declaration whereas an Interface is a sketch that is used to implement a class**.

7)