Oops concept

Oops means object oriented programming system or structure. The main concept of OOPs is to bind the data and the functions that work on that together as a single unit so that no other part of the code can access this data.

**Types of Inheritance –**

**Single Inheritance**:

Single inheritance enables a derived class to inherit characteristics from a single-parent class.

**Multilevel Inheritance:**

Multi-level inheritance enables a derived class to inherit properties from an immediate parent class which in turn inherits properties from his parent class.

**Multiple Inheritance:**

Multiple inheritance enables one derived class to inherit properties from more than one base class.

**getattr()**

The getattr() function returns the value of the specified attribute from the specified object.

Syntax

getattr(object,attribute)

setattr()

The setattr() function sets the value of the specified attribute of the specified object.

Syntax

setattr(object,attribute,value)

hasattr()

The hasattr() function returns True if the specified object has the specified attribute, otherwise False.

Syntax

hasattr(object,attribute)