Class

classes provide all the standard features of Object Oriented Programming: the class inheritance mechanism allows multiple base classes, a derived class can override any methods of its base class or classes, and a method can call the method of a base class with the same name

Main head of it all you can’t do much without it :(

Constructor

The constructor is a method that is called when an object is created. This method is defined in the class and can be used to initialize basic variables. If you create four objects, the class constructor is called four times.

Object/Instance

'object' and 'instance' are the same thing, but the word 'instance' indicates the relationship of an object to its class.

Attribute

An attribute is something that describes an object for example weight = 75

Method

It’s a function which is a member of a class.

Static method

 You directly invoke this method in the context of the class itself. While regular methods work on the particular instance itself

Inheritance

Inheritance allows us to define a class that inherits all the methods and properties from another class.

Incapsulation

It’s one of the fundamental concepts in object-oriented programming (OOP). It describes the idea of wrapping data and the methods that work on data within one unit.

Polymorphism

"polymorphism" means "many forms", and in programming it refers to methods/functions/operators with the same name and can do all of them.

It’s Like eevee.

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Graphical

Widget is an element of Graphical User Interface (GUI) that displays.

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Relational database

A relational database is a database that stores the data in tabular form, also called records. In this, the different data types will be in rows and columns. The RDBMS (relational database management system) is used to handle these records and also connect them using different keys.

Tables

Tables. Data frequently occurs in the form of tables. To process tables in Python, it helps to know that we can put lists in other lists. These are also called nested lists.

Primary key

primary key uniquely identifies each row in the table as it stores only a unique value for each record.

Foreign key

Primary Key contains unique values, whereas Foreign Key contains values taking reference from Primary Keys. The main characteristic property of the Primary key is that it can’t be repeated, it is unique.

SQL

The key difference between SQL and Python is that developers use SQL to access and extract data from a database, whereas developers use Python to analyze and manipulate data by running regression tests, time series tests and other data processing computations.

CRUD

CRUD In Python is a simple way on how to create, read, update and delete the data in the database using the python programming language and MySQL or any Database.

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Exception

In Python, an exception is a condition that arises during the execution of a program. It is a signal that something unexpected happened. Python represents exceptions by an object of a specific type. All built-in, non-system-exiting exceptions in Python are derived from the Exception class.