Python Advance Assignment - 5

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**1.Explain super() in the context of inheritance.**

Ans: The super keyword refers to superclass (parent) objects. It is used to call superclass methods, and to access the superclass constructor. The most common use of the super keyword is to eliminate the confusion between superclasses and subclasses that have methods with the same name.

**2. Describe the file-handling system.**

Ans: A file management system is used for file maintenance (or management) operations. It is is a type of software that manages data files in a computer system. A file management system has limited capabilities and is designed to manage individual or group files, such as special office documents and records.

**3. In Python, explain multiple inheritance.**

Ans: A class can be derived from more than one base class in Python, similar to C++. This is called multiple inheritance. In multiple inheritance, the features of all the base classes are inherited into the derived class. The syntax for multiple inheritance is similar to single inheritance.

**4. Write the MySQL query syntax for INSERT, UPDATE, and DROP.**

Ans:Insert Syntax

INSERT INTO my\_table(column1, column2)

VALUES ('value1', 'value2');

Updaye syntax

UPDATE table\_name  
SET column1 = value1, column2 = value2, ...  
WHERE condition;

Drop syntax

DROP TABLE table\_name;

**5. Describe MongoDB's features.**

Ans: Features of MongoDB

* Support ad hoc queries. ...
* Indexing. ...
* Replication. ...
* Duplication of data. ...
* Load balancing. ...
* Supports map reduce and aggregation tools.