Python Advance Assignment 5

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

A. The super() function in python makes class inheritance more manageable and extensible. The function a temporary object that allow reference to a parent class by the keyword super. The super() function has two major use cases: To avoid the usage of the class explicitly.

2. Describe the file-handling system.

A. A file management system is used for file maintenance operations. It is a type of software that manages data files in a computer system. A file management 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.

A. 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 class 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.

A. In MySQL INSERT statement syntax is:

INSERT table_name(field1, field2, fieldN)

VALUES(value1, value2, ... valueN);

In MySQL UPDATE statement syntax is:

UPDATE table_name SET

Field1=new-value1,

Field2=new-value2

In MySQL DROP statement syntax is:

DROP table_name ;

Or

DROP [TEMPORARY] TABLE [IF EXISTS]

Table_name1, table_name2,.........

[RESTRICT | CASCADE];

5. Describe MongoDB`s features.

A. It contains heterogeneous data. It provides high performance, availability. It supports Geospatial efficiently. It is a document oriented database and the data is store in BSON documents. It also supports multiple documents. It also supports multiple document ACID transition.