Assignment-5

Explain super() in the context of inheritance.
• super is used to refer immediate parent
class instance variable. We can use super
keyword to access the data member or field
of parent class. It is used if parent class and
child class have same fields
2.) Describe the file-handling system.
• 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.
• 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.
• MySQL server is a open-source relational
database management system which is a
major support for web based applications.
Databases and related tables are the main
component of many websites and
applications as the data is stored and
exchanged over the web. Even all social
networking websites mainly Facebook,
Twitter, and Google depends on MySQL
data which are designed and optimized for
such purpose. For all these reasons, MySQL
server becomes the default choice for web
applications
• INSERT:-
INSERT INTO table_name (column1, column2, column3, ...)
VALUES (value1, value2, value3, ...);
• UPDATE:- UPDATE table_name SET field1 =
new-value1, field2 = new-value2 [WHERE
Clause]
• Drop :- DROP [TEMPORARY] TABLE [IF
EXISTS] table_name [, table_name]

[RESTRICT | CASCADE];

5.) Describe MongoDB's features.

• It contains heterogeneous data. It provides high performance, availability, scalability. It supports Geospatial efficiently. It is a document oriented database and the data is stored in BSON documents. It also supports multiple document ACID transition(string from MongoDB 4.0).