1.Explain the difference between Cassandre's and typical database?
ANS:Cassandre is high performance and highly scalable distributed NoSQL data base management system. RDBMS is a database management or software which is designed for relational databases. Cassandra is NoSQL database. RDBMS uses SQL for querying and maintaining the database.

2.What exactly is CQLSH?
Ans:CQLSH is a command line interface for interacting with Cassandre using CQL(the Cassandre query language). It is shipped with every Cassandre package, can be found in the bin/directory along side the Cassandre executable.

3.Explain the Cassandre cluster idea.
Ans: The cluster is a collection of nodes that represents a single system. A cluster in Cassandra is one of the shells in the whole Cassandra database. Many Cassandra Clusters combine together to form the database in Cassandra. A Cluster is basically the outermost shell or storage unit in a database.

4.Give an example to demonstrate the class notion
Ans:Python is an object oriented programming language. A class is like an object constructor, or a "blue print" for creating object.
Example :class My class:x=5

5.Use an example to explain the object.
Ans:Everything in python is treated as an object belong to its class.
For example-An integer variable belongs to integer class.An object is a collection of various data and function that operate on those data