**Ques 08. What are the differences between DataReader, DataAdapter and DataSet?**

DataReader is used to read the data from the database and it is a read and forward only connection oriented architecture during fetch the data from the database. DataReader is used to iterate through Resultset that came from server and it will read one record at a time.

DataSet is a disconnected orient architecture that means there is no need of active connections during work with datasets and it is a collection of DataTables and relations between tables. It is used to hold multiple tables with data.

DataAdapter will act as a Bridge between DataSet and database. This dataadapter object is used to read the data from the database and bind that data to the dataset. Dataadapter is a disconnected oriented architecture

**Ques 09. What are the methods of XML dataset objects?**

GetXml() - Retrieves the XML representation of the data in the DataSet() as a single string.

WriteXml() - Writes the content of the DataSet() to a file.

ReadXml() - Reads XML data from any file and uses it to populate the DataSet.