ADO.NET Interview Questions & Answers

Palle Technologies

1. what are the important components of ado.net?

.net framework data provider and

data sets are the important components of ado.net

2. what are the dotnet frame work data providers available in ado.net?

- .net framework data provider for Sql Server.
- .net framework data provider for Oracle.
- .net framework data provider for OLEDB.
- .net framework data provider for ODBC.
- .net framework data provider for Sql Server compact.
- Entity client provider.

3. what are the important methods of sqlcommand?

- Execute Scalar
- Execute Reader
- ExecuteNonQuery

4. when to use executenonquery method?

- ExecuteNonQuery must be used when we are executing DML statements.

- It will always returns total no of records affected count.

5.   when to use executescalar method?

    Execute Scalar method must be used when the query is returning single scalar value.

6. when to use executereader method?

- Execute Reader must be used when the query is returning more than one value. Execute Reader method always returns SqlDataReader class object.

9. where to close a connection while writing ado.net code?

in the finally block.

10. what type of exception we usually handle while dealing with ado.net code?

we usually deal with SQLexception class.

11. what is serialization and deserialization?

serialization → serialization is the process of converting an object into a stream.

deserialization → it is the process of converting a stream into object.

12. what are the types of serialization techniques available?

A.   xml serialization (converting object to xml)

B.   binary serialization (object to binary)

C.   json serialization (object to json)