

var result = from emp in emps



where

emp.Address == "Pune"

select

emp



emp.Name

IQueryable<Emp>

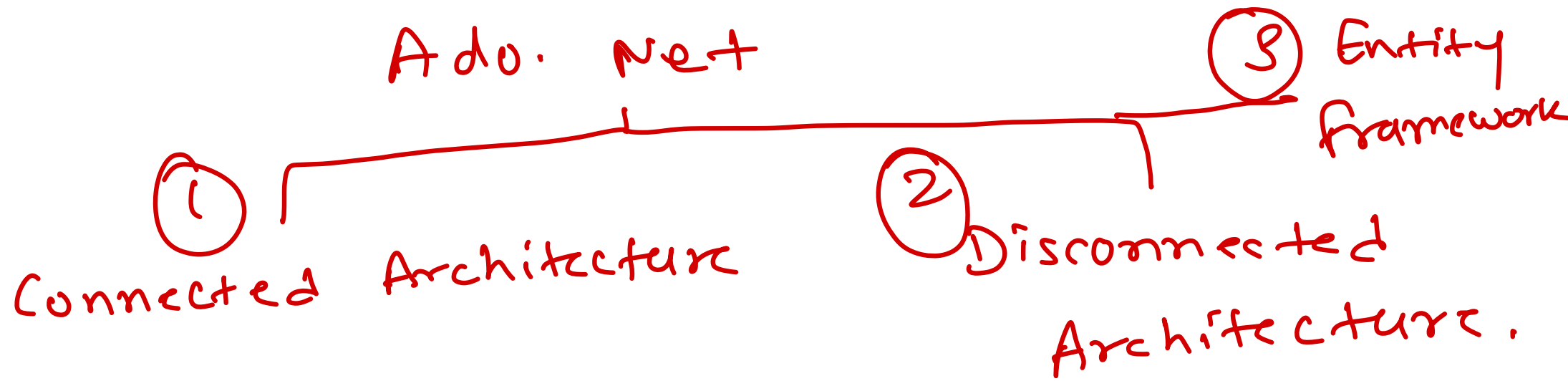


IQueryable<string>

LINQ to Collection.

var result =

emps.from().where(condition).select()



Microsoft SQL Server: Database.

* Oracle Db :- PL-SQL Query Syntax.

* MySQL Db :- SQL Query Syntax

* MSSQL Db :- T-SQL Query Syntax

ADO.NET Connected Architecture

Old Databases
System Data.
ODBC.dll;

class
ODBCConnection
conObj

class
ODBCCommand

class
ODBCDataReader

conObj.Open()
conObj.Close()
★

Excel, mssql
System Data.
OleDb.dll

class
OleDbConnection

class
OleDbCommand

class
OleDbDataReader

conObj.Open()
conObj.Close() ★

MSSQL Server
System Data.
SqlClient.dll

class
SqlConnection

class
SqlCommand

class
SqlDataReader

conObj.Open() ★
conObj.Close() ★

Along with Visual Studio, SQL Server gets default installed on your m/c

∴ SQL Express

↳ free Database server

↳ for testing and learning

↳ ^{purpose} windows Authentication ✓

↳ Tools → options → Database Tools

↓
Data Connections

↓
(localDB)\mssqllocaldb

MS SQL Server :- ~~PA~~

paid Edition →

→ Username: bvs Admin

password: 12345

↳ Custom Auth. → login →

Azure :-

↳ UN :

PW :

link to connect → cloud -

→ Connection String / Details:-

1. Data Source = Server Name (LOCALDB)\MSSQL
/ Server - from your m/c ; LOCALDB
2. Initial Catalog = DataBaseName: IET /
/ Database BVS ;
3. Integrated Security = Authentication Details
= true [Windows Auth]
4. username = sa ; password = sa → purchased
Sql Db copy.
5. username = _ ; password = _ ; → Azum. //

① SQL Management Studio
Editor

② Visual Studio Editor

↳ Server Explorer Window
→