- r 00b 2. Collections, Generic, Generic Collections
- 3. Events and delegates
- 4. File 201 Semalization
- 5. Reflection and Custom Attributes. 4 a tool to read type-metadata dynamically and to invoke functionality
- of any assemblies at runtime.
  by using this feature we developed appins
  like vstudio intellicense, custom ORM - Flw: - code first Approach so class Employee by table [ Emp]

.tt -> template files, la custom template Emp tab tub

Spublic class Emil(T)

Pr. -Id 1 126. 70

FIW: 1.0 - 2.0 - 2.0 - 2.0 - 2.0 - 4.0

CLR: 100 - 2.0 - 2.0 - 1.0

LING

C# :- Year 2002

1.0:2002 => class, Properties, Events and Delegaters, structa

2.0: 2005 => Partial Classes, Generic, Iterator, Nullable Types, Anonymous methods Predicate delegate. 3.0: 2008 => Implicit Type, Auto-Properties,
Object Initializer, Amonymous
Types, Lambda Expression,
Extension Methods —: LINQ
(Language Integrated Query)

4.0: 2010 => Parallel Prug

- Task Parallel Library

- Parallel - for , Parallel - Foreach bon

- Parallel - LING,

Ognamic Type.

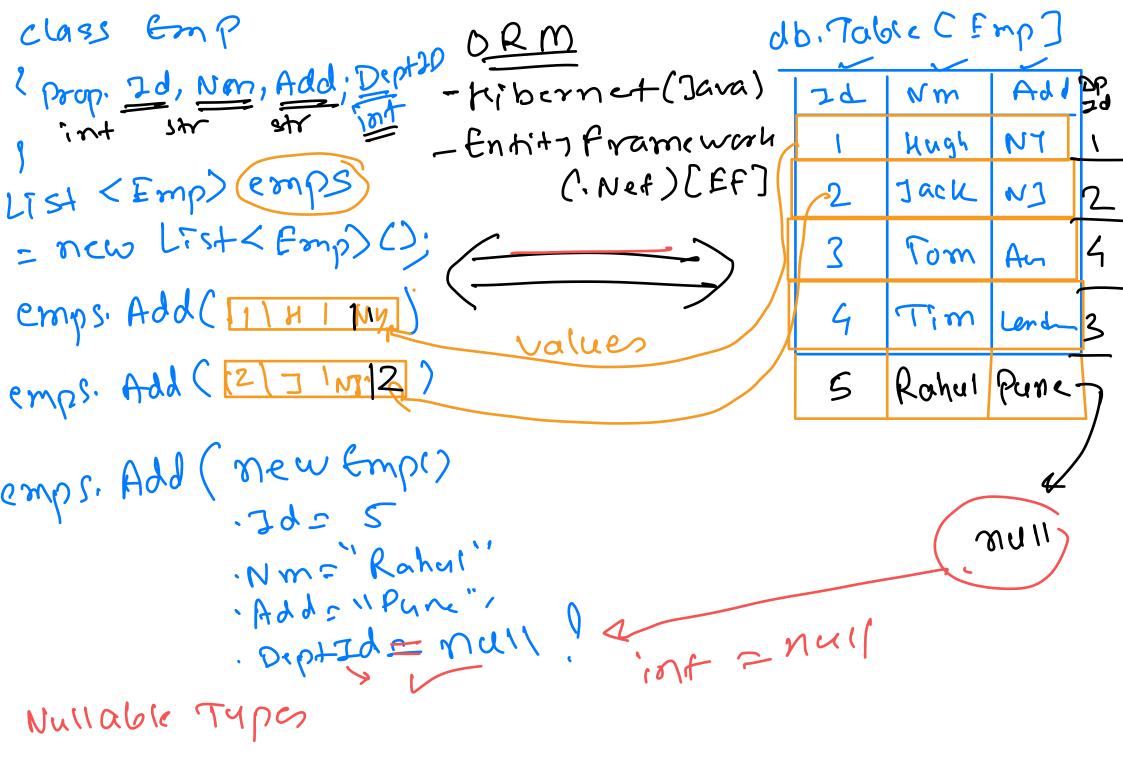
Named and Option al

parameter

5:0: 2012 => Async and Await

6:0: 2015 => 1" : String 2nterpulation.

7:0: 2017 => Out variable, Tuples



Class Emp Int ID; Nullable <int) Depted; int ? Depted;

!- Nullable Ayper allows you to hold null values into Value type containers / vaniables.

Auto - properties: private member will be generated by csharp compiler and it decides its name based on its naming algorithms. PropostyName Access Modiffer Datatype { Set; get; }

int [] arr = {1,2,3,4,53; am. Manch =>op:5 XEnumerable obj = new Enumerable(); obj. max (int[] arr) Enumerable. Muse (int [] an)
this Masc ( this int [)

class Myclass bool Checkforvalid Email (String email)

my Class obj = new cryclan (1)
obj. Checkermaire (string email)
string email = "a C b. con";
email-Check (string.)

public class myclan: String bool Check Email (string emai)
this obj. chede.

email. Cham

email. Cham

str="mygdha@b.cor"

str: Chede