& C## Features !-1. Partial Classes: - Alugic waiting same class in two different physical files. After compilation - compiler generates single assembly ive single MSIL. using parkal keyword over class, helps us to waite down logic by different developers using diff. machine parallely 2. Nullable Types :lish (Emp) emps = Poro obj. Window Dambax Tob's Emp

New Util (Emp) ();

NOC. Ald (emps. Add (new Emp ?) Obj. warner mugde "hear 2 Remit null sone 2 ob . Sod = 50000d , mult 4 Product mult IT for e-g; If we are collecting database record using . NET raviables, the value types are not allowed to hold now values by detactit In such senorios poco class obj. properties or volue types can be assigned "null" by

declaring its type as Nullable (value type);



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3. Anonymous methods
-> A method without Name. Finitely Infinite -> used for short logic like, compare, data massaging -> local scope. : you can not use these methods outside the declared class or anywhere else in assembly. 4. Lambada Exprission seven shorter syntax than anonymous methods.

Tit uses soperator: goes to operator Finitely Infinite Systems Private Limited, Pune.

5. Predicate delegate!

public bool Delegatiname (T) (T para) Finitely Infinite

predicate(F) henen C bool (heck (int i)
{ Return i>10; } mydel (int) del = new mydel (int) (para) = deligate (int pera)

? return para > 10, = para => para > 10

6. Iterator:

-> A custom class object behaves like a

face of a private member of a class of type collection.

class weeks - foreach (string day in obj)

Li has a string [] Days.

and
weeks obj = now weeks()

Objallowing foreach to iterate through private string [] in foreach 100P,

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wind versing NET 3.5.1 . NET 3.5 · NET 1.0 - NET 1.1 - NET 2.0 - NET 4.0 · mujor vertions. NET CLR versions changed. 11. Extension method.

:- methods to extend functionalities

of existed types. I in built 14pes.

e-g:- sming, int [] etc.

. Extension methods are static methods and present in Static classes. The datatype along with which you need to associate entension method should be passed as a parameter to a method with marked as "this" obj. ny collection. To Array(). beguerd. prop List <int) My Collection & get; set;}

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