- 1. Design Pattern, SOLID Principle! OUP 2. File IO and Senalization
- 3. Collection, Generic, Generic Collection.
- 4. Events and Delegatos.
- 5. C sharp features: LINQ
- 6. ADO. NET: Connected Architecture

Dis connected Architecture

- 7. Custom Attributes,
- 8. Reflection.
- g. ac, Exception Handing 10. Tack Parallel Liberary.

mvc 8.0:

Wish Server Client ZII Browser HTTP Request "http: 11 - 1 index. html HTTP Response HTML へまきつ MTML CSS-> KTML Parser -2C CSS Engine Classic Asp XML Is Engine MOSE Active JON Pomer

Asp. Net Web Forms 80: Part. Reguist Client http:// \indta.asp Server MTTP Pipeline ·asmo ·ashoc bys: - rout folder
mywebsite.eng LSURL: limiter. aspre Page Controller Pattern · asp | aspr = asprict _ isapid1 hatp Response Mandlcisapi, del application Life cycle http Handler Page Page Rend 12nit Render

DrawBack of Asp. Net webform Applications! 1. All methods either private OR protected, hence unit Testing was not pussible. 2. less control over htm) generation. 3. Page state: "View State": This viewstate was making. Net Pages bullly-why view statz?: broz KITTP is stateless protocol and to do serverside validation/code generation entire pase State getting maintained in Rey -value format. 1. e Duplicate Page data.

4. UI and code: tightly coupled.

Asp. Net MVC: - This a framework is degined by microsoft using MVC design architectural pettern.

MVC :-Model
Buismers Entity: Buismers
U2/presentation Logic MUNM; B.UI View Model

Contriber + ORM Mo des BE

MVC Pattern! HATP Request 80 http://bys.com/ Kome/Inde Client KTTP Pipelin JETTP Response 7291 UR L=" trome! front Controller Pattern. cassione controlles 1 C## rode NAMI 25 Server Drawback: only supported

Asprovet mvc: 2-0 3.0 4.0 Asprove+ Core IIIs / kertoal windows | mae 1 3-0 Linua. Corso-platorem

JIS Vestral Web Server host exer t catrosce d'11 Restral. ene NLO Server

Fditor

VS Code

Visual Studio 2022

Visual Studio 2022

CLI - Command line Interface

Client IIS/ Kestral Browser ... \Home \Index (rep) Ls. URL="Home ndez" URL. Split() (["Hume", "Index"]) "controlled": "Home Controlled", /httpns: "action": "Indea"] Controller factory factory = new (onmherfactory () Controller etablig factory, Get Controller 11 Home (contreller") view Renden . Involce membre ("action" chrlobi);