AGR.NET Come Architecture Overview Compilation and Execution of NET applications: Any code written in any NET compliant languages when compiled converts Into MSIL code in form of assembly through -HASP. NET Core Web App: Controllers, Response Caching filters, ASP. NET Core Identity, Views, Other filters. FInfrastructure Project: In Memory Data Cache, 5MG service, Ernail Service, Excre DoConfeed, Redis cache, Azure Service Accessor, Other Web. CIS, CTS. CIS, CTS.

II 18 the language that CLR can understand.

On execution, this IL 48 converted into binary code by CLRs just in time compiler (III) and these desemblies are loaded into memory.

Compilation can be done with Debug or Release configuration.

The difference between these two is that in the debug configuration, only an assembly is generated without optimization. However, in release complete optimization is performed without debug symbols. is Application Core Project. Interfaces, Domain Events Aggregates, POLO Entities, Application Exceptions Specifications, Business Services, Value Objects

Data Sources: SQL, & 3

Third Party Services: Github API, Send Girid API Cache Razor 18 2 view engine for MVC framework.
Razor 18 2 view engine for MVC framework.
Razor 18 2 markup syntax. That tetis us embeded

Server-based code. Who web pages, Server based.
Code can create dynamic meb content on the fly,
while a mebpage 18 witten to the browser.
It has the power of traditional ASENET (ASPX)
markup, but 1t is easter to use, flexible and
lightweight, Razor markup starts with the Orymbo Rendering HTML with Views: In ASPINET Core MVC, views are control files that USE the C# programming language in Razor markup Usually New files are grouped into folders named for each of the apps controllers. The folders are stored in Views folder at the root of the app

The Home controller K8 represented by a Home folder inside the Views folder. The Home folder contains the views for the About shlow , Contact couldn't Index within little document? oshlow etc. webpages. When a user requests one of Ex Necessary little and CH code in razor pay these three velipages, controller actions on the nome controller, defermine which of the three views is used to build and return webpage to the user. to display all number from 1 to 100 All the even numbers must be displayed in green about and odd numbers on red color. Qu'How to publish aspinet core app in steps to add authentication to apps and identity Steps: Install All Package from Nuget. Stept: Right click in project and select publish Entily Framework Core Entity Francuork Core Sol Server Step2: Select Azure as target. Step3: click next and select specific target and Step 2: Adding App Db Confesct moide Model folder and we will find Azure App Services an right pane Step 4: After clicking Next we will find Inherits from Identify Dolontext Class. public class App Do Confert: Identify Do Confert ? public class App Do Confert (Do Confert Options / App Do Confert > options): App Service in left pane and click (+) sign to create new App Service instances in right pan Step5: After clicking (+) sign we will see now populp wondow to add, new Service instance which has fields like Name, subscription, yesting base (options) { protected override vord an Model Greating (Model Builder builder) Plan. Now just click on new hosting plan from (+) from In hosting plan section we will select some option to free and click OK. And then click create. Now app service instance is created in Azure. base. On Model Creating (builder); Q, Howda you host and deploy ASPINET core application? Ans: There are two types of hosting models in ASPINET Core: 1>Out-of-process Hosting Model: In this model we can either use Kestral server directly as a user request facing server or we can deploy the app into IIS which will act as a proxy server and sends requests to the suternal Kestral server. In this type of hoisting model we have two options: 12 Using Kestral: Kestral 18 a crossplatform web server JUSING KESTRAL: KESTRAL 18 a crossplatform web server for ASP, NET core. Kestral 18 the web server that's included, by default on ASP, NET core project temploses. Kestral itself acts as an edge server which directly server user requests. It means that we can only use the Kestral server for our application.

12) Using a foxy Server: Due to limitations of the Kestral server, we cannot use this in all the apps. In such cases, we have to use powerful servers like IIS, NGIX. or Apachle. So, on that case, this server acts as a reverse proxy server which redirects every request

