DATE What is HTTP? Hypertext Transfer Protocol [HTTP] is an protocol for transmitting hypermedia documents, such as HTML. It is the foundation of any exchange on the Web & it is a client-server protocol, which means requests are initiated by the recipient, usually the Web browser · A complete document is reconstructed from the different Sub-documents fetched, for instance, text, layout description, images, videos, scripts & more. · Client & servers communicate by exchanging individual messages. 0 · The messages sent by the client, usually a Web browser, are called requests and the messages sent by the server as an answer are called responses Q. What are different HTTP Methods? -> HTTP defines a set of request methods to indicate the desired action to be performed for a given resource. · The different HTTP methods are:-1) GET: -. The GET method requests a representation of the specified resource · Request using GET should only retrieve data. 2) POST: - . The POST method submits an entity to the specified resource, often causing a change in state or side effects on the server. 3) HEAD: - The HEAD method asks for a response identical to a GET request, but without the response body. 4) PUT: - . The PUT methods replaces all current represents tion of the target resource with the request payload. 5) DELETE: -. The DELETE method deletes the specified resources

6) CONNET: - . The CONNECT method establishes a tunnel to Thous the server identified by the target resource 7) of Trons: - . The of Trons method describes the communicate 8 options for the target resource. 8) TRACE: - . The TRACE method performs a message loop-24 back test along the path to the target Wsex. roept resource: 9) PATCH: -. The PATCH method applies partial modifications to a resource. dual What are different HTTP Status Code ranges & their meaning? An HTTP Status code is a server response to a browser's nt * Common HTTP Status code classes:-· 1xxs- Informational responses It means the request has been received & the process is continuing a some and A · 2xxs - Success! The request was successfully completed & the server gave the browser the expected response ta. · 3xxs - Redirection It means further action must be taken in order to in complete the request. 4xxs - Client Error It means the request contains incorrect syntax or cannot be fulfilled It means the server failed to fulfill an apparently valid 5xxs- Senver Error 7-tarequest.

DATE a what is Pod? . Pad means third party library which is install in our spon Ut. · Cocoapods is a dependency manager which is used to include third party libraries in 122 anger which is used to include third party libraries in ios & mac projects . All the libraries that you want to include in project red are added in a Podfile & then we can simply run a pod command on the terminal to install the added dependencies in the podfile ge Q. How to install pod? -> Steps to installed pod files:-1. Open terminal in 2. Command on terminal: sudo gem install cocoapods 3. Set project path on terminal 4. command: pod init 5. go to pad file of project & adding pod which you want to le install 6. added in pod file: 7. Command! Pod install 8. Close project of Xcode kde 9. open Project from terminal 10. Command: open PodDemos. xcurorkspace the Q. Give Examples of Pods:-Pod 1 → SDWeb Image Pod 2 -> Kingfisher Both pods are third party library, is used to extraction Of Images