API Kuthan The water to brainer, > aight REST API- CApp. Brog. Interface Server App itself is the client on the trant-end under the hood, it needs to talk to the series or backered to get on some data. clierd HTTP Service Past, dataexposed service This communican happens using the HTTP protocol the same protocol that navers over neb Most apps these days follow this client-server architecture In the server, we server a banch of services that are accessible via the HTTP protocol. The client can then call the services by 6) sending HITP neg. REST - Representa al State Irangen llos HITTP and 12 - This is basically a convent for trutding these stol like -> relies on a stateless, dient-server protocol, mostly HTTP ary rovide support to prog. long. Create duta
Read, data ops / Update data Deteto dola Page.

en :- he have a commony called VIDLY for rentin out mories. He have a client approximate on the server we should expose a servere and a service like this: http://vidly.com/api/customers data on secure channel domain not compulsory follow this conven of includin api in address to expose their restrict Chant Can send HTTP reg to this endpt. I to talk to surserving can be after domain (tike here) or a pur-domain 3) / customers: This part like api. vidly cons
of address is referred to as
RESOURCE ne can expose our resources such as customers mories, reptate and various englits. It is our enable, to work with the customers.

If the ops around customers such as creating a customer etc. would be done by sendin an HTTP neg. to this enant.

The type of HTTP reg determines the kind of op - Every HTTP reg has a vert / method that determines to type or inten"

(i) GET to gettin data . lg: - heading to fetch API ii) PUT to gettin data . lg: - web forms xumission (LEI) to DELETE to gettin data . lg: - vii) PATCH > update who but no lody roturney vi) OPTIONS > HTTP metho

	Endpt. !- URI/UR	= customer	regarder sent to
		all customers,	
Method	Inton	Reg. (sently us to address endpt.)	RUSP (sent by served)
GET	Get list of all customers	GET /api/cystomers  plural, so list of customers	Cert. of customer obj.  [{id:1, name:'}, fid:2, name:"},
	To get single customes	GET /api/customer/1 customer referenced thru id	cust. olj. {id:1, name: '}
PUT	La appdate a cust.	PUT /api/cust/1  specify id of just. to be updated	Uplates cust with guen id accordin to values grien
		Ename '}  cust obj included in body of requirements in cust. obj	{id:1, name: '}
ELETE.	To dolette a cust,	DELETE /api/custs/1  no need to include  cust obj. in nea.  body cus affice  need to delete cust  so an id	
POST	Lo creato a cust.	POST /api/custs  plural cust accessin  whole cust hist to  and new just to it i name: is new cu	Gets now cust of and creates the cust for as fid: 1, name: ''}

The REST ful corner on short Papi Loustomers GET /api / customers/1 GET. /api/austomers/1 PUT / api / customers/1 DELETE /api/austomers POS RESOURCE We expose our custs using a simple meaningul address and suppor various ops around in such as creatin or updatin em. using std.

HTTP methods. What is an API? API - Applica Prog. Interface.
APIs are everywhere - vet apis, @ apis in APIS are everywhere - west yes, to ayus in computer, 03 smartphone, some refrigerators at, It is a contract provided by only piece of software to another piece of software Consist of structured reg, and resp.

One piece of porturare says gimme this info formalled in this way and 5'll gife you track, this from data or whater that resp. Kitchen Ordoner Maites client Server