Page No. Lubernetes Teta mandre Kubernetes is Dike robotic manager for orunning many apps (containers) automatically safely and efficiently. asingmes to year Arms is Starts your apps mining leading.
Restarts them if they crash. Distributes them across computers = (10 × raw ro Scales them (more / less copies) soi Heals if Somethings break. Think of it like a small traffic contro - Her for opps running in containers

Real - life Analogy: Restaurant

Marger. Insider fine Emitting fort max Item Meaning Meaning Chef 11 Docker Brepare containers (Capps in hones) Kitchen Monager Kubernetes ha Manges chefs, order and resources. Recipe Book YAML files Instruction for what and how to cook apps. without the rite inho

kitchen staff Nodes Computers that rune the app containers. meal orders Pods Dro or more cont - oiners ronning the Granotial aggs. stogether. Bonic parts of Kuberneter. -> Cluster ?- A group of computers

Cnodes) running apps.

> Noderof Ao Siagle machine (moster

or worker).

-> Pod ?- go Smallert wort : sortons 14 t

container.

-> Deployment :- Tells K8s How many

pods of to runs and marages.

-> Service = Crives network access to

1900 pods of pods of the JAM file : unitting instructions
formakubernetes con Kubernetes Setapt: Two Mains d. Masterio node es Controller :- money restation Décides what rons where asido en tont what your aginside 2. Worker Node : Muscles. . Actually runs the app (pods).

	Key Commands	
	kubect! get pods	List of all
	Kubectl get modes	List of all pode. List all nodes.
	Kubect create deployment NAME image = .	create app
	Kabect scale deployment NAME replicas = N	RON N copi
7	kubect delete pod NAME	delete a pod,
	Kubect opply -f file.you	Create a yand file.
	Kabect exposes deployment	Make app public

